

Microsoft.DP-900.v2024-12-07.q177

Exam Code:	DP-900
Exam Name:	Microsoft Azure Data Fundamentals
Certification Provider:	Microsoft
Free Question Number:	177
Version:	v2024-12-07
# of views:	1102
# of Questions views:	1770
https://www.exam-tests.com/DP-900-exam/Microsoft.DP-900.v2024-12-07.q177.html	

NEW QUESTION: 1

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	☐	☐
Indexes in a relational database describe the data types in a table.	☐	☐
A database view is a virtual table whose content is defined by a query.	☐	☐

Answer:

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	☒	☐
Indexes in a relational database describe the data types in a table.	☐	☒
A database view is a virtual table whose content is defined by a query.	☒	☐

Explanation:

Statements	Yes	No
Relational database tables contain columns and rows	☒	☐
Indexes in a relational database describe the data types in a table	☐	☒
A database view is a virtual table whose content is defined by a query	☒	☐

Box 1: Yes

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

Box 2: No

An index is an on-disk structure associated with a table or view that speeds retrieval of rows from the table or view.

Box 3: Yes

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

NEW QUESTION: 2

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft	Statements	Yes	No
	If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	☐	☐
	If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	☐	☐
	If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	☐	☐

Answer:

Microsoft	Statements	Yes	No
	If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	☐	☒
	If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	☒	☐
	If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	☐	☒

Explanation:

Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	☐	☒
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	☒	☐
If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	☐	☒

Box 1: No

Microsoft handles all patching and updating of the SQL and operating system code. You don't have to manage the underlying infrastructure.

Box 2: Yes

SQL Database is a fully managed service that has built-in high availability, backups, and other common maintenance operations.

Box 3: No

NEW QUESTION: 3

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☐	☐
Azure SQL Database has built-in high availability.	☐	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☐	☐

Answer:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☒	☐
Azure SQL Database has built-in high availability.	☒	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☒	☐

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☐	☐
Azure SQL Database has built-in high availability.	☐	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☐	☐

NEW QUESTION: 4

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	☐	☐
Azure SQL managed instance supports user-created backups.	☐	☐
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	☐	☐

Answer:

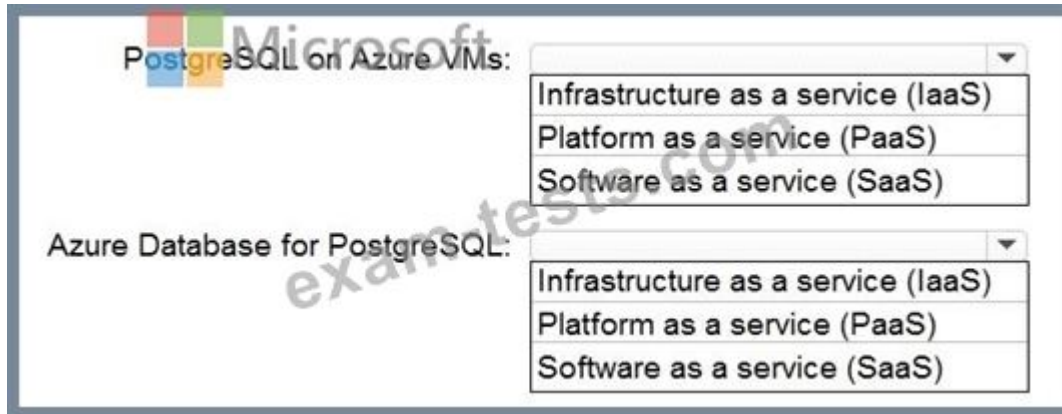
Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	☒	☐
Azure SQL managed instance supports user-created backups.	☐	☒
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	☒	☐

NEW QUESTION: 5

You plan to deploy a PostgreSQL database to Azure.

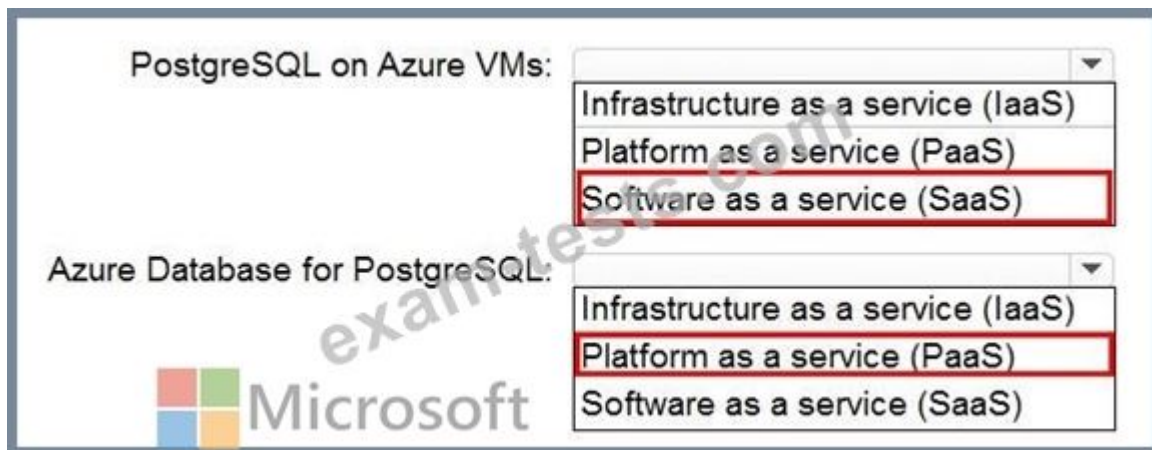
Which hosting model corresponds to the available deployment options? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



The screenshot shows two dropdown menus. The first menu, labeled 'PostgreSQL on Azure VMs:', has three options: 'Infrastructure as a service (IaaS)', 'Platform as a service (PaaS)', and 'Software as a service (SaaS)'. The second menu, labeled 'Azure Database for PostgreSQL:', also has three options: 'Infrastructure as a service (IaaS)', 'Platform as a service (PaaS)', and 'Software as a service (SaaS)'. Both menus are currently set to 'Software as a service (SaaS)'.

Answer:



The screenshot shows the same two dropdown menus as before. In the 'PostgreSQL on Azure VMs:' menu, 'Software as a service (SaaS)' is highlighted with a red box. In the 'Azure Database for PostgreSQL:' menu, 'Platform as a service (PaaS)' is highlighted with a red box.

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-saas/>

<https://azure.microsoft.com/en-us/overview/what-is-paas/>

NEW QUESTION: 6

Which three objects can be added to a Microsoft Power BI dashboard? Each correct answer presents a complete solution. (Choose three.) NOTE: Each correct selection is worth one point.

- A. a report page
- B. a Microsoft PowerPoint slide
- C. a visualization from a report
- D. a dataflow
- E. a text box

Answer: A,C,E (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget>

NEW QUESTION: 7

Select the answer that correctly completes the sentence.

Answer Area

can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

Microsoft

Answer:

Answer Area

can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

Microsoft

NEW QUESTION: 8

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	☐	☐
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	☐	☐
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	☐	☐

Answer:

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	☒	☐
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	☐	☒
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	☐	☒

Reference:

<https://www.precisely.com/blog/big-data/big-data-101-batch-stream-processing>

NEW QUESTION: 9

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☐	☐
Azure Analysis Services is used for transactional workloads.	☐	☐
Azure Data Factory orchestrates data integration workflows.	☐	☐

Answer:

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☒	☐
Azure Analysis Services is used for transactional workloads.	☐	☒
Azure Data Factory orchestrates data integration workflows.	☒	☐

Explanation

Graphical user interface, text, application, email Description automatically generated

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☒	☐
Azure Analysis Services is used for transactional workloads.	☐	☒
Azure Data Factory orchestrates data integration workflows.	☒	☐

NEW QUESTION: 10

Match the Azure SQL services to the appropriate use cases.

To answer, drag the appropriate service from the column on the left to its use case on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure SQL services	Answer Area
Azure SQL Database elastic pool	A serverless configuration
Azure SQL Database single database	A database that has the highest compatibility with on-premises Microsoft SQL Server
Azure SQL Managed Instance	A low-cost, low-maintenance database

Answer:

Azure SQL services

Azure SQL Database elastic pool
Azure SQL Database single database
Azure SQL Managed Instance

Azure SQL services

Azure SQL Database elastic pool
Azure SQL Database single database
Azure SQL Managed Instance

Answer Area

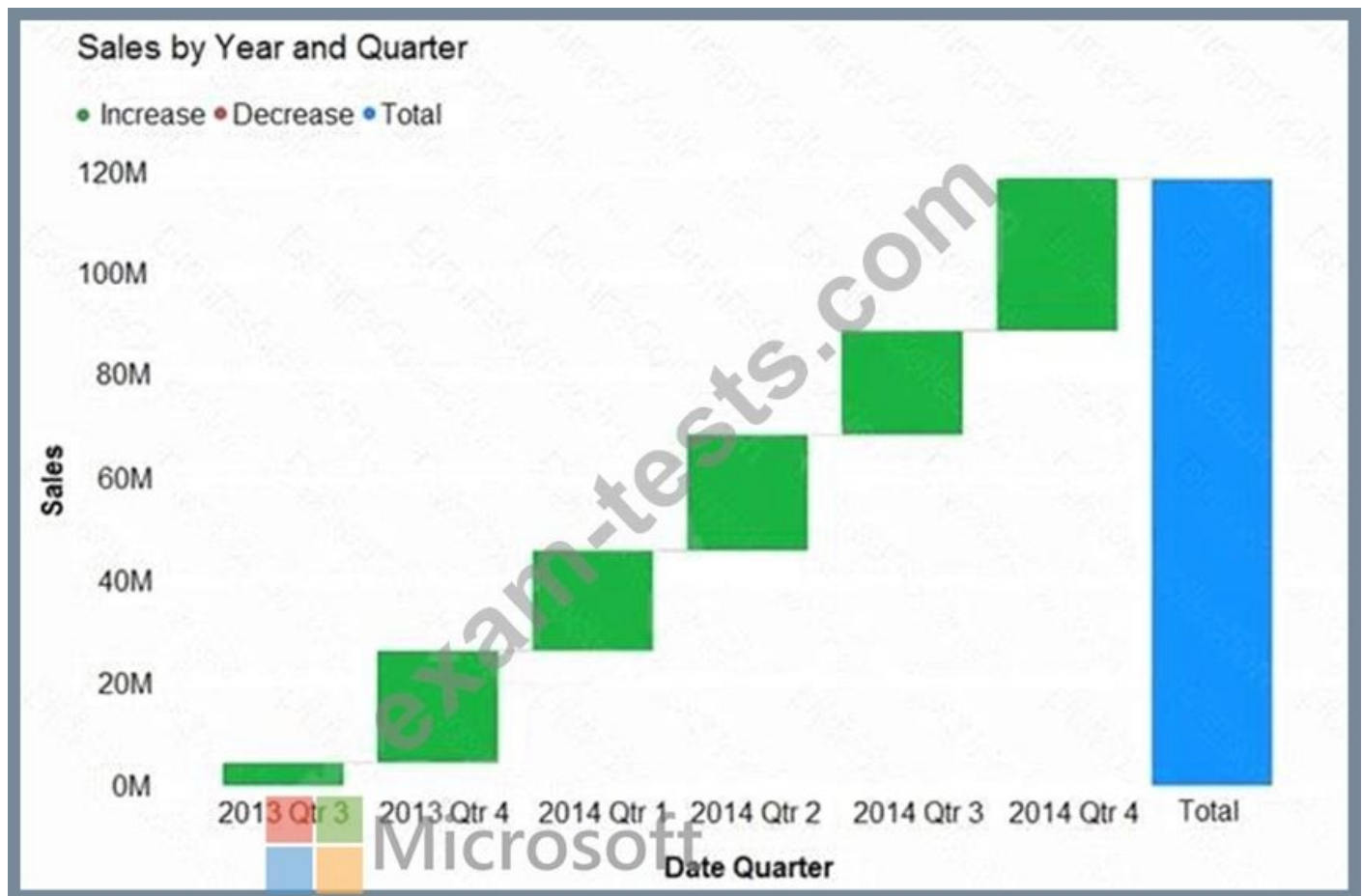
Azure SQL Database single database	A serverless configuration
Azure SQL Database elastic pool	A database that has the highest compatibility with on-premises Microsoft SQL Server
Azure SQL Managed Instance	A low-cost, low-maintenance database

Answer Area

Azure SQL Database single database	A serverless configuration
Azure SQL Database elastic pool	A database that has the highest compatibility with on-premises Microsoft SQL Server
Azure SQL Managed Instance	A low-cost, low-maintenance database

NEW QUESTION: 11

You need to create a visualization of running sales totals per quarter as shown in the following exhibit.



What should you create in Power BI Desktop?

- A. a decomposition tree
- B. a waterfall chart
- C. a ribbon chart
- D. a bar chart

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

To complete the sentence, select the appropriate option in the answer area.

A block of code that runs in a database is called



a stored procedure.
a table.
a view.
an index.

Answer:

A block of code that runs in a database is called



a stored procedure.
a table.
a view.
an index.

Explanation

Text Description automatically generated with medium confidence

A block of code that runs in a database is called



exam-tests.com

a stored procedure.
a table.
a view.
an index.

NEW QUESTION: 13

To complete the sentence select the appropriate option in the answer area.

Answer Area		Transparent Data Encryption (TDE) encrypts	a column to protect data at rest and in transit. queries and their results in order to protect data in transit. the database to protect data at rest. the server to protect data at rest.
-------------	--	--	--

Answer:

Answer Area		Transparent Data Encryption (TDE) encrypts	a column to protect data at rest and in transit. queries and their results in order to protect data in transit. the database to protect data at rest. the server to protect data at rest.
-------------	--	--	--

NEW QUESTION: 14

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

cognitive
descriptive
predictive
prescriptive

Answer:

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

cognitive
descriptive
predictive
prescriptive

Reference:

<https://azure.microsoft.com/en-us/blog/answering-whats-happening-whys-happening-and-what-will-happen-with-iot-analytics/>

NEW QUESTION: 15

You need to use Transact-SQL to query files in Azure Data Lake Storage from an Azure Synapse Analytics data warehouse.

What should you use to query the files?

- A. Azure Functions
- B. Microsoft SQL Server Integration Services (SSIS)
- C. PolyBase
- D. Azure Data Factory

Answer: C ([LEAVE A REPLY](#))

Reference:

<https://docs.databricks.com/data/data-sources/azure/synapse-analytics.html>

NEW QUESTION: 16

What should you use to build a Microsoft Power BI paginated report?

- A. Power BI report Builder
- B. Power BI Desktop
- C. Charticulator
- D. the Power BI service

Answer: B ([LEAVE A REPLY](#))

Power BI Report Builder is the standalone tool for authoring paginated reports for the Power BI service.

Reference:

<https://docs.microsoft.com/en-us/power-bi/paginated-reports/paginated-reports-report-builder-power-bi>

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPASS.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 17

To complete the sentence, select the appropriate option in the answer area.

An extract, load, and transform (ELT) process requires

a separate transformation engine.
a target data store powerful enough to transform data.
data that is fully processed before being loaded to the target data store.
a data pipeline that includes a transformation engine.

Answer:

An extract, load, and transform (ELT) process requires

a separate transformation engine.
a target data store powerful enough to transform data.
data that is fully processed before being loaded to the target data store.
a data pipeline that includes a transformation engine.

Explanation

Text Description automatically generated with medium confidence

An extract, load, and transform (ELT) process requires

a separate transformation engine.
a target data store powerful enough to transform data.
data that is fully processed before being loaded to the target data store.
a data pipeline that includes a transformation engine.

With ELT, the data store used to perform the transformation is the same data store where the data is ultimately consumed.

NEW QUESTION: 18

To complete the sentence, select the appropriate option in the answer area.

The Azure Cosmos DB  API enables the use of SELECT statements to

Core (SQL)

Gremlin

MongoDB

Table

retrieve documents from Azure Cosmos DB.

Answer:

The Azure Cosmos DB  API enables the use of SELECT statements to

Core (SQL)

Gremlin

MongoDB

Table

retrieve documents from Azure Cosmos DB.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/choose-api>

NEW QUESTION: 19

Match the types of data to the appropriate Azure data services.

To answer, drag the appropriate data types from the column on the left to its service on the right. Each data type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Data Types

Image files

Relationships between employees

Key/value pairs

Answer Area

Data Type

Data Type

Data Type

Azure Blob storage

Azure Cosmos DB Gremlin API

Azure Table storage

Answer:

Data Types

Image files

Relationships between employees

Key/value pairs

Answer Area

Image files

Key/value pairs

Relationships between employees

Azure Blob storage

Azure Cosmos DB Gremlin API

Azure Table storage

Reference:

<https://docs.microsoft.com/en-us/azure/storage/tables/table-storage-design-modeling>

NEW QUESTION: 20

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	☐	☐
Normalizing a database reduces data redundancy.	☐	☐
Normalization improves data integrity.	☐	☐

Answer:

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	☐	☒
Normalizing a database reduces data redundancy.	☒	☐
Normalization improves data integrity.	☒	☐

Reference:

<https://www.sqlshack.com/what-is-database-normalization-in-sql-server/>

NEW QUESTION: 21

You have an e-commerce application that reads and writes data to an Azure SQL database. Which type of processing does the application use?

- A. Online Analytical Processing (OLTP)
- B. batch processing
- C. stream processing
- D. Online Transaction Processing (OLTP)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

You have an Azure Cosmos DB account that uses the Core (SQL) API.

Which two settings can you configure at the container level? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. the throughput
- B. the partition key

- C. the API
- D. the read region

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

NEW QUESTION: 24

To complete the sentence, select the appropriate option in the answer area.

Answer:

NEW QUESTION: 25

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	☐	☐
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	☐	☐
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	☐	☐

Answer:

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	☒	☐
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	☐	☒
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	☐	☒

Reference:

<https://www.precisely.com/blog/big-data/big-data-101-batch-stream-processing>

NEW QUESTION: 26

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support access control lists that have object-level permissions,

enable the hierarchical namespace.

set Account kind to BlobStorage.

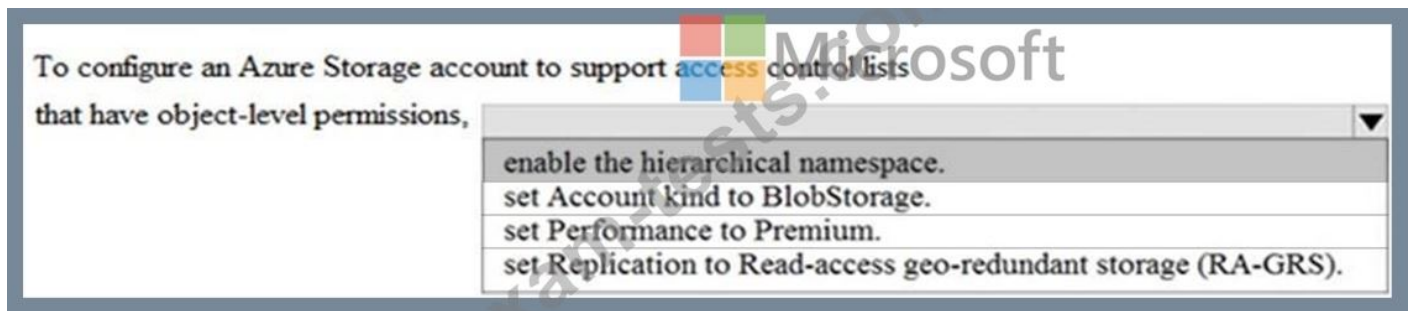
set Performance to Premium.

set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

Explanation

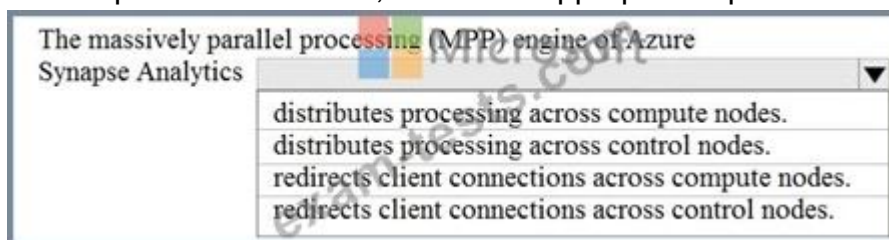
Table Description automatically generated



A key mechanism that allows Azure Data Lake Storage Gen2 to provide file system performance at object storage scale and prices is the addition of a hierarchical namespace. This allows the collection of objects/files within an account to be organized into a hierarchy of directories and nested subdirectories in the same way that the file system on your computer is organized. With a hierarchical namespace enabled, a storage account becomes capable of providing the scalability and cost-effectiveness of object storage, with file system semantics that are familiar to analytics engines and frameworks.

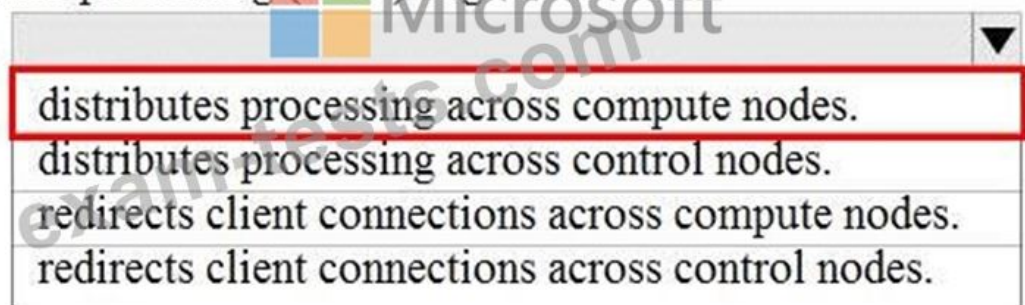
NEW QUESTION: 27

To complete the sentence, select the appropriate option in the answer area.



Answer:

The massively parallel processing (MPP) engine of Azure Synapse Analytics



Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/massively-parallel-processing-mpp-architecture>

NEW QUESTION: 28

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☐	☐
Azure Analysis Services is used for transactional workloads.	☐	☐
Azure Data Factory orchestrates data integration workflows.	☐	☐

Answer:

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☒	☐
Azure Analysis Services is used for transactional workloads.	☐	☒
Azure Data Factory orchestrates data integration workflows.	☒	☐

Reference:

<https://docs.microsoft.com/en-us/azure/databricks/scenarios/what-is-azure-databricks>

<https://docs.microsoft.com/en-us/azure/analysis-services/analysis-services-overview>

<https://docs.microsoft.com/en-us/azure/data-factory/introduction>

NEW QUESTION: 29

match the Azure data factory components to the appropriate descriptions.

To answer, drag the appropriate component from the column on the left to its description on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components	Answer Area
Dataset Linked service Mapping data flow Pipeline	Component A representation of data structures within data stores Component The information used to connect to external resources Component A logical grouping of activities that performs a unit of work and can be scheduled

Answer:

Components	Answer Area
Dataset Linked service Mapping data flow Pipeline	Dataset A representation of data structures within data stores Linked service The information used to connect to external resources Pipeline A logical grouping of activities that performs a unit of work and can be scheduled

Explanation:

 Dataset
Linked service
Pipeline

A representation of data structures within data stores

The information used to connect to external resources

A logical grouping of activities that performs a unit of work and can be scheduled

Box 1: Dataset

Datasets must be created from paths in Azure datastores or public web URLs, for the data to be accessible by Azure Machine Learning.

Box 2: Linked service

Linked services are much like connection strings, which define the connection information needed for Data Factory to connect to external resources.

Box 3: Pipeline

A pipeline is a logical grouping of activities that together perform a task.

NEW QUESTION: 30

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

Answer:

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespaces>

NEW QUESTION: 31

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	☐	☐
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	☐	☐

Answer:

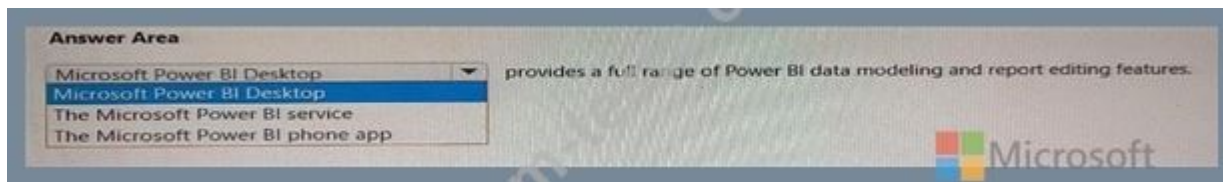
Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	☐	☐
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	☐	☐

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	☐	☐
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	☐	☐

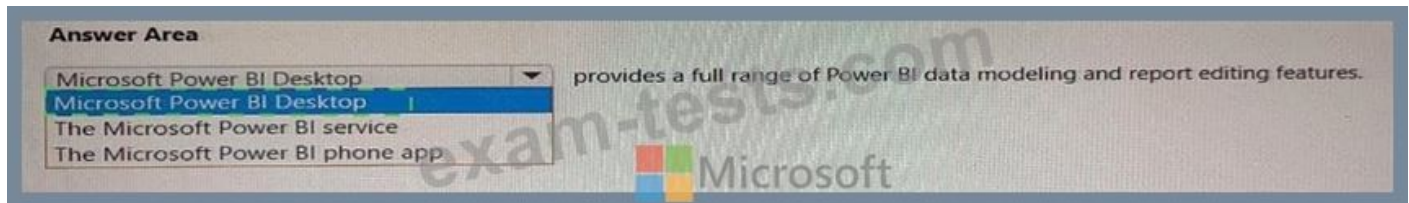
Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 32

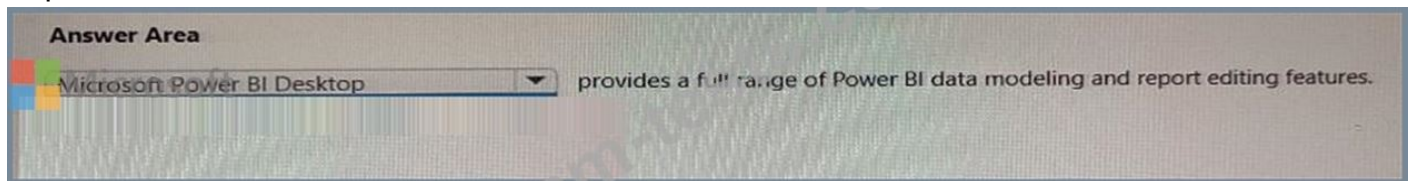
Select the answer that correctly completes the sentence.



Answer:



Explanation



NEW QUESTION: 33

To complete the sentence, select the appropriate option in the answer area.



Answer:



Reference:

<https://azure.microsoft.com/en-us/blog/answering-whats-happening-whys-happening-and-what-will-happen-with-iot-analytics/>

NEW QUESTION: 34

You have the following JSON document.

```
"customer" : {
  "first name" : "Ben",
  "last name" : "Smith",
  "address" : {
    "line 1" : "161 Azure Ln",
    "line 2" : "Palo Alto",
    "ZIP code" : "54762"
  },
  "social media": [
    {
      "service" : "twitter",
      "handle" : "@bensmith"
    },
    {
      "service" : "linkedin",
      "handle" : "bensmith"
    }
  ],
  "phone numbers": [
    {
      "type" : "mobile",
      "number" : "555-555-555"
    }
  ]
}
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the JSON document.

NOTE: Each correct selection is worth one point.

Customer is [answer choice].

- a nested array
- a nested object
- a root object

Address is [answer choice].

- a nested array
- a nested object
- a root object



Social media is [answer choice].

- a nested array
- a nested object
- a root object

Answer:

Customer is [answer choice].

- a nested array
- a nested object
- a root object

Address is [answer choice].

- a nested array
- a nested object
- a root object

Social media is [answer choice].

- a nested array
- a nested object
- a root object

Customer is [answer choice].

Address is [answer choice].

Social media is [answer choice].

NEW QUESTION: 35

For each of the following statements, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	☐	☐
Azure Synapse Analytics can be paused to reduce compute costs.	☐	☐
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	☐	☐

Answer:

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	☒	☐
Azure Synapse Analytics can be paused to reduce compute costs.	☒	☐
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	☐	☒

NEW QUESTION: 36

You have data saved in the following format.

```

{
  "firstName": "John",
  "lastName": "Doe",
  "age": "23",
  "hobbies": [
    { "type": "Sports", "value": "Golf" },
    { "type": "Leisure", "value": "Reading" },
    { "type": "Leisure", "value": "Guitar" }
  ]
}

```

Which format was used?

- A. XML
- B. HTML
- C. yaml
- D. JSON

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services		Answer Area	
Azure Data Factory	Azure Data Lake Storage	Azure Service	Output data to Parquet format.
Azure Synapse Analytics	Azure SQL Database	Azure Service	Store data that is in Parquet format.
		Azure Service	Persist a tabular representation of data that is stored in Parquet format.

Answer:

Azure Services		Answer Area	
Azure Data Factory	Azure Data Lake Storage	Azure Data Factory	Output data to Parquet format.
Azure Synapse Analytics	Azure SQL Database	Azure Data Lake Storage	Store data that is in Parquet format.
		Azure Synapse Analytics	Persist a tabular representation of data that is stored in Parquet format.

NEW QUESTION: 38

To complete the sentence, select the appropriate option in the answer area.

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

Answer:

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.**

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

NEW QUESTION: 39

When you create an Azure SQL database, which account can always connect to the database ?

- A.** the Azure Active director/ (Azure AO) account that created the database
- B.** the Azure Active Directly Azure AD) administrator account
- C.** the sa account
- D.** the server admin login account of the logical server

Answer: ([SHOW ANSWER](#))

Explanation

When you first deploy Azure SQL, you specify an admin login and an associated password for that login.

This administrative account is called Server admin.

NEW QUESTION: 40

To complete the sentence, select the appropriate option in the answer area.

Answer Area

 Microsoft

A Microsoft Power BI dashboard enables users to create highly formatted, interactive reports. A Microsoft Power BI paginated report enables users to create highly formatted, interactive reports. A Microsoft Power BI subscription enables users to create highly formatted, interactive reports.

fixed-layout documents or archiving.

dashboard
interactive report
paginated report
subscription

Answer Area

 Microsoft

A Microsoft Power BI dashboard enables users to create highly formatted, interactive reports. A Microsoft Power BI paginated report enables users to create highly formatted, interactive reports. A Microsoft Power BI subscription enables users to create highly formatted, interactive reports.

fixed-layout documents or archiving.

dashboard
interactive report
paginated report
subscription

Answer:

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, interactive report fixed-layout documents or paginated report 1 archiving.

Subscription

 Microsoft

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, interactive report fixed-layout documents or paginated report 1 archiving.

Subscription

 Microsoft

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, interactive report fixed-layout documents or paginated report 1 archiving.

Subscription

 Microsoft

Explanation

Paginated Reports

<https://powerbi.microsoft.com/en-us/blog/announcing-paginated-reports-in-power-bi-general-availability/>

NEW QUESTION: 41

To complete the sentence, select the appropriate option in the answer area.

Answer Area

 To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, _____

Answer:

Answer Area

 To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, _____

NEW QUESTION: 42

You manage an application that stores data in a shared folder on a Windows server.

You need to move the shared folder to Azure Storage.

Which type of Azure Storage should you use?

- A. queue
- B. blob
- C. file
- D. table

Answer: ([SHOW ANSWER](#))

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-files>

NEW QUESTION: 43

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	1
5-Apr-20	\$40	2
5-Apr-20	\$2,300	1
6-Apr-20	\$40	3
6-Apr-20	\$200	4

You need to query the table to return the average sales amount day. The output must produce the following results.

SalesDate	AVG(SalesAmount)
4-Apr-20	\$2,000
5-Apr-20	\$1,170
6-Apr-20	\$120

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

Value

FROM Sales

Value

Answer:

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

SELECT

FROM Sales

GROUP BY

Explanation

SELECT

GROUP BY

ORDER BY

SalesDate, AVG(SalesAmount)

FROM Sales

SalesDate

SalesDate

Box 1: SELECT

Box 2: GROUP BY

Example:

When used with a GROUP BY clause, each aggregate function produces a single value covering each group,

instead of a single value covering the whole table. The following example produces summary values for each

sales territory in the AdventureWorks2012 database. The summary lists the average bonus received by the

sales people in each territory, and the sum of year-to-date sales for each territory.

SELECT TerritoryID, AVG(Bonus)as 'Average bonus', SUM(SalesYTD) as 'YTD sales'

FROM Sales.SalesPerson

GROUP BY TerritoryID;

NEW QUESTION: 44

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area		Statements	Yes	No
		Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	☐	☐
		Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	☐	☐
		Azure Data Studio can be used to restore a database.	☐	☐

Answer:

Answer Area		Statements	Yes	No
		Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	☐	☒
		Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	☐	☒
		Azure Data Studio can be used to restore a database.	☐	☒

Answer Area		Statements	Yes	No
		Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	☐	☒
		Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	☐	☒
		Azure Data Studio can be used to restore a database.	☒	☐

NEW QUESTION: 45

Match the datastore services to the appropriate descriptions.

To answer, drag the appropriate service from the column on the left to its description on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services	Answer Area
Azure Blob storage	Service Enables the use of SQL queries against data stored in JSON documents
Azure Cosmos DB	Service Enables users to access data by using the Server Message Block (SMB) version 3 protocol
Azure Files	
Azure Table storage	

Answer:

Services	Answer Area
Azure Blob storage	Azure Cosmos DB Enables the use of SQL queries against data stored in JSON documents
Azure Cosmos DB	Azure Files Enables users to access data by using the Server Message Block (SMB) version 3 protocol
Azure Files	
Azure Table storage	

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/sql-query-working-with-json>

<https://cloud.netapp.com/blog/azure-smb-server-message-block-in-the-cloud-for-azure-files>

NEW QUESTION: 46

Select the answer that correctly completes the sentence.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of 



Answer:

Answer Area

A relational database is appropriate for scenarios that involve a high volume of 



Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 47

What are three characteristics of an Online Transaction Processing (OLTP) workload? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

- A. denormalized data
- B. schema defined when reading unstructured data from a database
- C. schema defined in a database
- D. normalized data
- E. heavy writes and moderate reads
- F. light writes and heavy reads

Answer: A,C,E (LEAVE A REPLY)

NEW QUESTION: 48

What is a characteristic of batch processing?

- A. The data ingested during batch processing must be processed as soon as the data is received.
- B. Large datasets must be split into batches of less than 1 GB before the data can be processed.
- C. Batch processing can only process data that is structured.
- D. There is a noticeable time delay between ingesting data and obtaining the data processing results.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 49

You have the following two tables of customer data.

CustomerID	NameStyle	Title	FirstName	MiddleName	LastName
29486	0	Ms.	Kim	NULL	Abercrombie
29489	0	Ms.	Frances	B.	Adams
29490	0	Ms.	Margaret	J.	Smith
29492	0	Mr.	Jay	NULL	Adams

CustomerID	AddressID	AddressType	ModifiedDate
29486	621	Main Office	9/1/05 0:00
29489	1069	Main Office	7/1/05 0:00
29490	887	Main Office	9/1/06 0:00
29492	618	Main Office	12/1/06 0:00
29494	537	Main Office	9/1/05 0:00

Which type of data do the tables contain?

- A. structured
- B. semi-structured
- C. unstructured
- D. non-relational

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

Select the answer that correctly completes the sentence.

Answer Area

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

Microsoft

Answer:

Answer Area

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

Microsoft

Explanation

Answer Area

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

Microsoft

NEW QUESTION: 51

Select the answer that correctly completes the sentence.

Answer Area

Microsoft

UPDATE is an example of a Data Manipulation Language (DML) statement.

UPDATE
CREATE
DROP
RENAME
UPDATE

Answer:



Answer Area

UPDATE is an example of a Data Manipulation Language (DML) statement.

NEW QUESTION: 52

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	☐	☐
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	☐	☐
Azure Data Studio can be used to restore a database.	☐	☐

Answer:

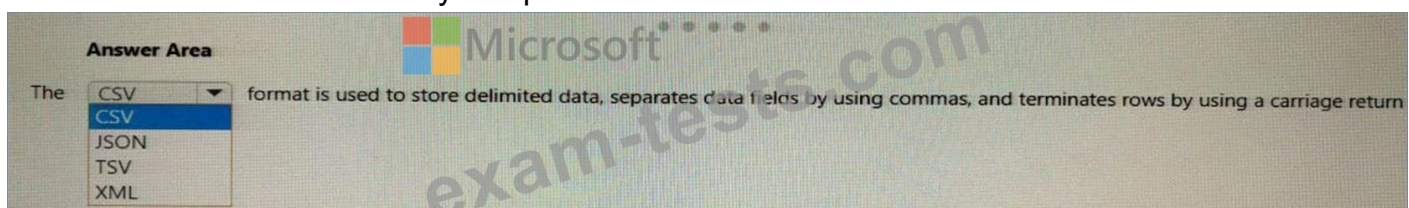
Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	☒	☐
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	☐	☒
Azure Data Studio can be used to restore a database.	☒	☐

Reference:

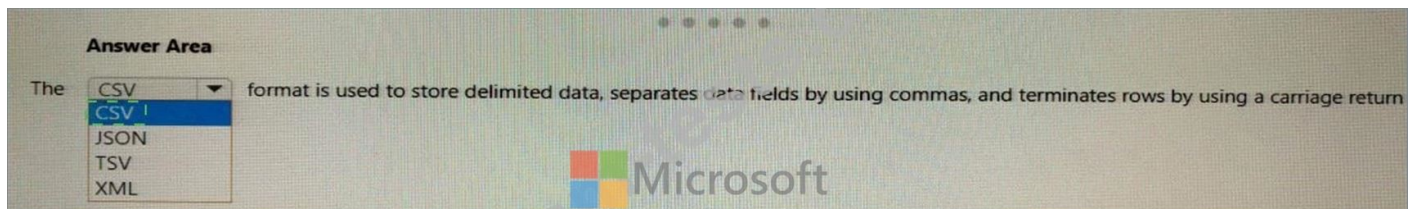
<https://docs.microsoft.com/en-us/sql/azure-data-studio/what-is-azure-data-studio>

NEW QUESTION: 53

Select the answer that correctly completes the sentence.



Answer:



Explanation

CSV

CSV (Comma-separated values): This is a text file format that uses commas (,) as column delimiters and carriage returns (\r\n) as row delimiters. CSV files are widely used for exchanging data between different applications and platforms

NEW QUESTION: 54

Select the answer that correctly completes the sentence.

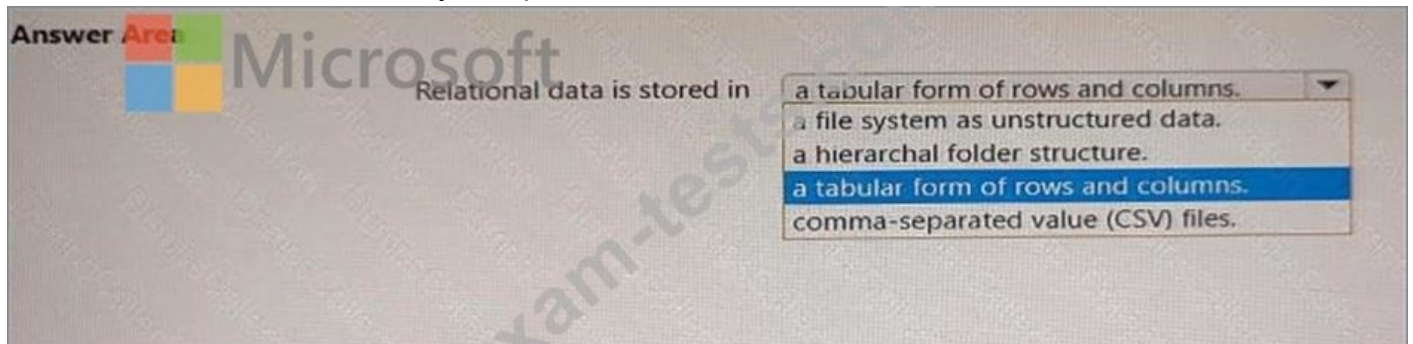
Answer:

Answer as below.

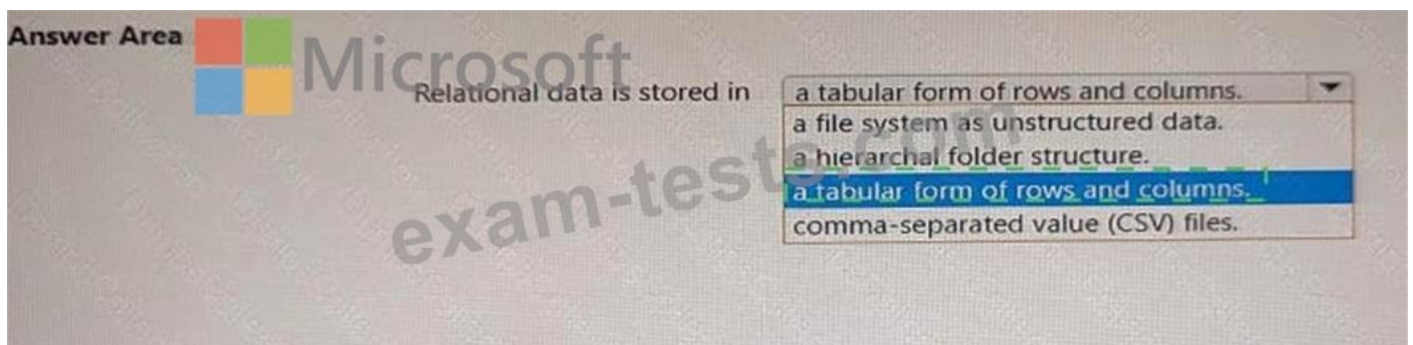


NEW QUESTION: 55

Select the answer that correctly completes the sentence.



Answer:



Explanation

Answer Area

Relational data is stored in ▼

 Microsoft

NEW QUESTION: 56

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, ▼

 Microsoft

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, ▼

 ▼

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespaces>

NEW QUESTION: 57

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	☐	☐
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	☐	☐

Answer:

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	☐	☐
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	☐	☐

NEW QUESTION: 58

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	☐	☐
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	☐	☐
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	☐	☐

Answer:



Statements

Yes

No

Stream processing has access to the most recent data received or data within a rolling time window.

☒☐

Batch processing must occur immediately and have latency in the order of seconds or milliseconds.

☐☒

Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.

☐☒

Explanation:

Graphical user interface, text, application Description automatically generated



Statements

Yes

No

Stream processing has access to the most recent data received or data within a rolling time window.

☐☐

Batch processing must occur immediately and have latency in the order of seconds or milliseconds.

☐☐

Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.

☐☐

NEW QUESTION: 59

Select the answer that correctly completes the sentence.

Answer Area

A clustered index physically sorts the data in a table based on the values in a specified column.

A view

A clustered index

A stored procedure

A nonclustered index

Answer:

Answer Area

A clustered index physically sorts the data in a table based on the values in a specified column.

A view

A clustered index

A stored procedure

A nonclustered index

Explanation

Answer Area

A clustered index physically sorts the data in a table based on the values in a specified column.

NEW QUESTION: 60

To complete the sentence, select the appropriate option in the answer area.

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

Answer:

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

NEW QUESTION: 61

To complement the sentence, select the appropriate option in the answer area.

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.



Answer:

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.



Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 62

Select the answer that correctly completes the sentence.

Answer Area

A key/value data store is optimized for 

Answer:

Answer Area 

A key/value data store is optimized for 

NEW QUESTION: 63

Your company plans to load data from a customer relationship management (CRM) system to a data warehouse by using an extract load, and transform (ELT) process.

Where does data processing occur for each stage of the ELT process? To answer, drag the appropriate locations to the correct. Each location may be used once, or not at all, You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Locations

An in-memory data integration tool

The CRM system

The data warehouse

Answer Area

Extract:

Load:

Transform:



Answer:

Locations

An in-memory data integration tool	The CRM system
The data warehouse	

Answer Area

Extract: The data warehouse

Load: An in-memory data integration tool

Transform: The CRM system

NEW QUESTION: 64

To complete the sentence, select the appropriate option in the answer area.

Batch workloads

- process data in memory, row-by-row.
- collect and process data at most once a day.
- process data as new data is received in near real-time.
- collect data and then process the data when a condition is met.

Answer:

Batch workloads

- process data in memory, row-by-row.
- collect and process data at most once a day.
- process data as new data is received in near real-time.
- collect data and then process the data when a condition is met.

NEW QUESTION: 65

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services

Azure Data Factory	Azure Data Lake Storage	Azure SQL Database
Azure Synapse Analytics		

Answer Area

Azure Service	Output data to Parquet format.
Azure Service	Store data that is in Parquet format.
Azure Service	Persist a tabular representation of data that is stored in Parquet format.

Answer:

Azure Services

Azure Data Factory	Azure Data Lake Storage	Azure SQL Database
Azure Synapse Analytics		

Answer Area

Azure Data Factory	Output data to Parquet format.
Azure Data Lake Storage	Store data that is in Parquet format.
Azure Synapse Analytics	Persist a tabular representation of data that is stored in Parquet format.

NEW QUESTION: 66

For each of the following statements, select yes if the statement is true, Otherwise select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☐
Azure Databricks can consume data from Azure Event Hubs.	☐	☐
Azure Databricks can consume data from Azure Cosmos DB.	☐	☐

Answer:

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☒
Azure Databricks can consume data from Azure Event Hubs.	☐	☒
Azure Databricks can consume data from Azure Cosmos DB.	☒	☐

NEW QUESTION: 67

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	☐	☐
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	☐	☐
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	☐	☐

Answer:

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	☒	☐
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	☐	☒
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	☒	☐

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	☒	☐
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	☐	☒
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	☒	☐

NEW QUESTION: 68

To complete the sentence, select the appropriate option in the answer area.

By default, each Azure SQL database is protected by

- a network security group (NSG).
- a server-level firewall.
- Azure Firewall.
- Azure Front Door.

Answer:

By default, each Azure SQL database is protected by  

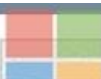
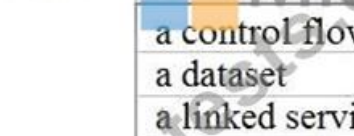
a network security group (NSG).
a server-level firewall.
Azure Firewall.
Azure Front Door.

By default, each Azure SQL database is protected by  

a network security group (NSG).
a server-level firewall.
Azure Firewall.
Azure Front Door.

NEW QUESTION: 69

To complete the sentence, select the appropriate option in the answer area.

In Azure Data Factory, you can use   to orchestrate pipeline activities that depend on the output of other pipeline activities.

a control flow
a dataset
a linked service
an integration runtime

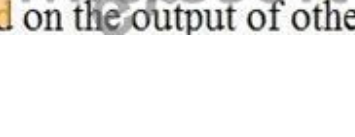
Answer:

In Azure Data Factory, you can use   to orchestrate pipeline activities that depend on the output of other pipeline activities.

a control flow
a dataset
a linked service
an integration runtime

In Azure Data Factory, you can use   to orchestrate pipeline activities that depend on the output of other pipeline activities.

a control flow
a dataset
a linked service
an integration runtime

NEW QUESTION: 70

To complete the sentence, select the appropriate option in the answer area.

A visualization that illustrates a university's current student enrollment per department is an example of _____ analytics.

	▼
cognitive	
descriptive	
predictive	
prescriptive	

Answer:

A visualization that illustrates a university's current student enrollment per department is an example of _____ analytics.

	▼
cognitive	
descriptive	
predictive	
prescriptive	

Reference:

<https://azure.microsoft.com/en-us/blog/answering-whats-happening-whys-happening-and-what-will-happen-with-iot-analytics/>

NEW QUESTION: 71

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,	
	▼
enable the hierarchical namespace.	
set Account kind to BlobStorage.	
set Performance to Premium.	
set Replication to Read-access geo-redundant storage (RA-GRS).	

Answer:

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

	▼
enable the hierarchical namespace.	
set Account kind to BlobStorage.	
set Performance to Premium.	
set Replication to Read-access geo-redundant storage (RA-GRS).	

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespaces>

NEW QUESTION: 72

Which setting can only be configured during the creation of an Azure Cosmos DB account?

- A. API
- B. production or non-reduction account type
- C. multi-region writes
- D. geo-redundancy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

Select the answer that correctly completes the sentence.

Answer Area

In a relational database, the uniquely identifies each row in a table.

- primary key
- foreign key
- primary key
- WHERE clause
- nonclustered index

Answer:

Answer Area

In a relational database, the uniquely identifies each row in a table.

- primary key
- foreign key
- primary key
- WHERE clause
- nonclustered index

NEW QUESTION: 74

You need to create a visualization of running sales totals per quarter as shown in the following exhibit.



What should you create in Power BI Desktop?

- A. a waterfall chart
- B. a ribbon chart
- C. a bar chart
- D. a decomposition tree

Answer: A ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

NEW QUESTION: 75

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☐	☐
Azure Analysis Services is used for transactional workloads.	☐	☐
Azure Data Factory orchestrates data integration workflows.	☐	☐

Answer:

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☒	☐
Azure Analysis Services is used for transactional workloads.	☐	☒
Azure Data Factory orchestrates data integration workflows.	☒	☐

NEW QUESTION: 76

Select the answer that correctly completes the sentence.

Answer:

Answer Area

In a relational database, each row in a table has .

 Microsoft

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPASS.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 77

To complete the sentence, select the appropriate option in the answer area.

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

Answer:

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

Reference:

<https://www.sqlshack.com/graph-database-implementation-with-azure-cosmos-db-using-the-api/>

NEW QUESTION: 78

Select the answer that correctly completes the sentence.

Select the answer that correctly completes the sentence.

Answer Area

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

- Microsoft Power BI Desktop
- The Microsoft Power BI service
- The Microsoft Power BI phone app

Answer:

Select the answer that correctly completes the sentence.

Answer Area

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

- Microsoft Power BI Desktop
- The Microsoft Power BI service
- The Microsoft Power BI phone app

Explanation

Text, letter Description automatically generated

Answer Area

Microsoft

Microsoft Power BI Desktop provides a full range of Power BI data modeling and report editing features.

NEW QUESTION: 79

To complete the sentence, select the appropriate option in the answer area.

Relational data is stored in

▼

a file system as unstructured data.

a hierarchal folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

Answer:

Relational data is stored in

Microsoft

▼

a file system as unstructured data.

a hierarchal folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

NEW QUESTION: 80

Which database transaction property ensures that individual transactions are executed only once and either succeed in their entirety or roll back?

- A. isolation
- B. durability
- C. consistency
- D. atomicity

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 81

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services		Answer Area
Azure Data Factory	Azure Data Lake Storage	Azure SQL Database
Azure Synapse Analytics		
		Azure Service
		Azure Service
		Azure Service

Answer:

Azure Services		Answer Area
Azure Data Factory	Azure Data Lake Storage	Azure SQL Database
Azure Synapse Analytics		
		Azure Data Factory
		Azure Data Lake Storage
		Azure Synapse Analytics

NEW QUESTION: 82

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☐	☐
Azure SQL Database has built-in high availability.	☐	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☐	☐

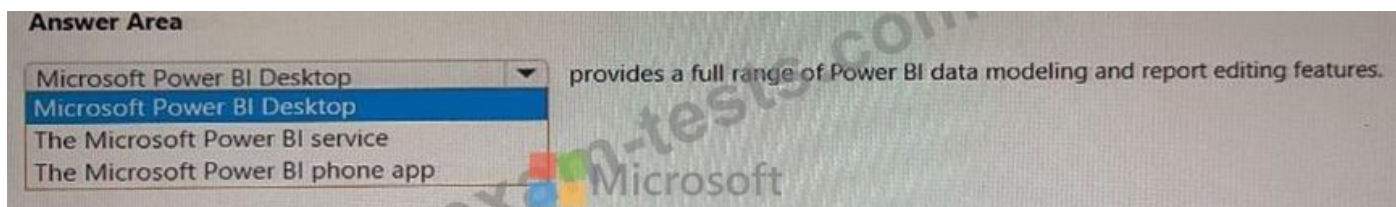
Answer:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☒	☐
Azure SQL Database has built-in high availability.	☒	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☒	☐

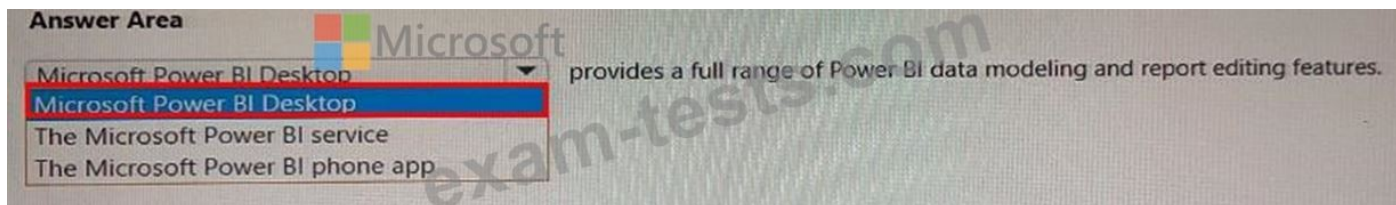
Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	☐	☐
Azure SQL Database has built-in high availability.	☐	☐
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	☐	☐

NEW QUESTION: 83

Select the answer that correctly completes the sentence.

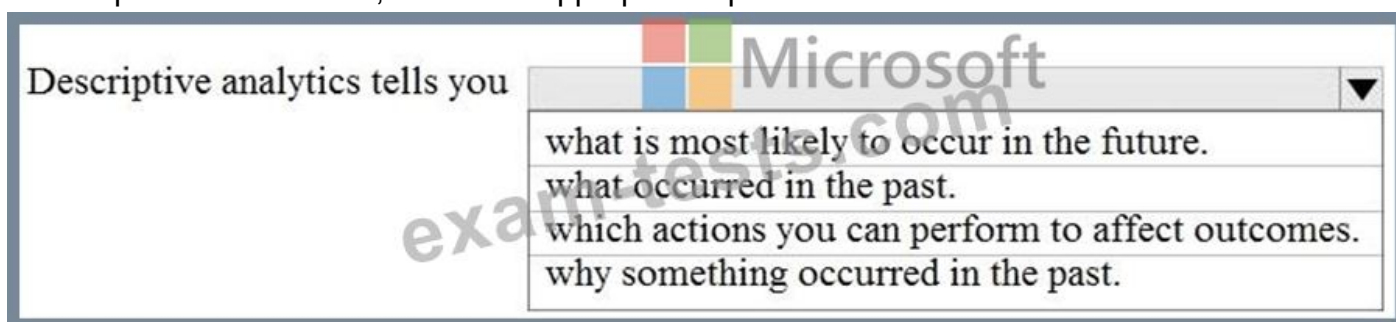


Answer:

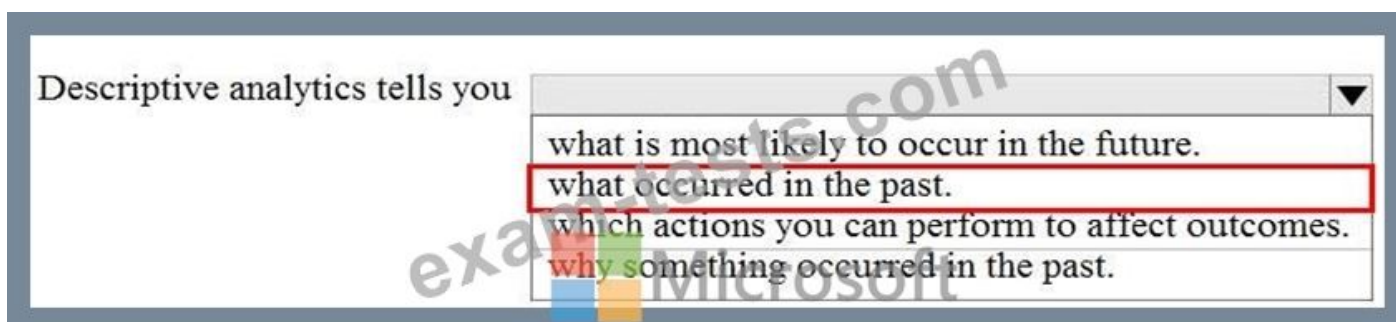


NEW QUESTION: 84

To complete the sentence, select the appropriate option in the answer area.



Answer:



Reference:

<https://demand-planning.com/2020/01/20/the-differences-between-descriptive-diagnostic-predictive-cognitive-analytics/>

NEW QUESTION: 85

You have a quality assurance application that reads data from a data warehouse.

Which type of processing does the application use?

- A. Online Transaction Processing (OLTP)
- B. batch processing
- C. Online Analytical Processing (OLAP)
- D. stream processing

Answer: A ([LEAVE A REPLY](#))

Explanation

OLTP is designed to serve as a persistent data store for business or front-end applications. OLTP administers day to day transaction of an organization.

NEW QUESTION: 86

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, fixed-layout documents or interactive report archiving.

Microsoft

dashboard
interactive report
paginated report
subscription

Answer:

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, fixed-layout documents or interactive report archiving.

Microsoft

dashboard
interactive report
paginated report
subscription

NEW QUESTION: 87

To complete the sentence, select the appropriate option in the answer area.

In Azure Data Factory, you can use Microsoft to orchestrate pipeline activities that depend on the output of other pipeline activities.

a control flow
a dataset
a linked service
an integration runtime

Answer:

In Azure Data Factory, you can use Microsoft to orchestrate pipeline activities that depend on the output of other pipeline activities.

a control flow
a dataset
a linked service
an integration runtime

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/frequently-asked-questions>

NEW QUESTION: 88

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of

descriptive
predictive
prescriptive

analytics.



Answer:

Answer Area

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of

descriptive
predictive
prescriptive

analytics.



Explanation:

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of

descriptive
predictive
prescriptive

analytics.



Generally speaking, data analytics comes in four types (Figure 1):

Descriptive, to answer the question: What's happening?

Diagnostic, to answer the question: Why's happening?

Predictive, to answer the question: What will happen?

Prescriptive, to answer the question: What actions should we take?

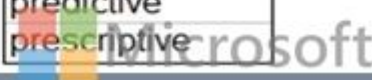
NEW QUESTION: 89

To complete the sentence, select the appropriate option in the answer area.

Creating closed caption text for audio files is an example of

descriptive
predictive
prescriptive

analytics.



Answer:

Creating closed caption text for audio files is an example of analytics.

cognitive
descriptive
predictive
prescriptive

Reference:

<https://demand-planning.com/2020/01/20/the-differences-between-descriptive-diagnostic-predictive-cognitive-analytics/>

<https://azure.microsoft.com/en-us/blog/answering-whats-happening-whys-happening-and-what-will-happen-with-iot-analytics/>

<https://docs.microsoft.com/en-us/azure/media-services/previous/media-services-index-content>

NEW QUESTION: 90

You have the following two tables of customer data.

CustomerID	NameStyle	Title	FirstName	MiddleName	LastName
29486	0	Ms.	Kim	NULL	Abercrombie
29489	0	Ms.	Frances	B.	Adams
29490	0	Ms.	Margaret	J.	Smith
29492	0	Mr.	Jay	NULL	Adams

CustomerID	AddressID	AddressType	ModifiedDate
29486	621	Main Office	9/1/05 0:00
29489	1069	Main Office	7/1/05 0:00
29490	887	Main Office	9/1/06 0:00
29492	618	Main Office	12/1/06 0:00
29494	537	Main Office	9/1/05 0:00

Which type of data do the tables contain?

- A. structured
- B. unstructured
- C. semi-structured
- D. non-relational

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

You have the following SQL query.

```
INSERT INTO dbo.Products (ProductID, ProductName, Price, ProductDescription)
VALUES (1, 'Clamp', 12.48, 'Workbench clamp');
```

NOTE: Each correct selection is worth one point.

Answer Area

Dbp.Products: A column
A database
A table
An index

ProductName: A column
A database
A table
An index

Answer:

Dbp.Products: ▼

A column
A database
A table
An index

ProductName: ▼

A column
A database
A table
An index

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 92

To complete the sentence select the appropriate option in the answer area.

Answer Area

Transparent Data Encryption (TDE) encrypts _____

A column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

Answer:

Answer Area

Transparent Data Encryption (TDE) encrypts

a column to protect data at rest and in transit.
 queries and their results in order to protect data in transit.
 the database to protect data at rest.
 the server to protect data at rest.

Answer Area

Transparent Data Encryption (TDE) encrypts

the database to protect data at rest.

NEW QUESTION: 93

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Storage account File share

File system

Level

Level

Answer:

Azure Storage account File share

File system

Azure Storage account

File share

Explanation

Terms

Azure Storage account File share

File system

Answer Area

Azure Resource Group

Azure Storage account

File share

Folders

Files

Box 1: Azure Storage account

Azure file shares are deployed into storage accounts, which are top-level objects that represent a shared pool of storage.

Box 2: File share

NEW QUESTION: 94

Match the ACID terms to the Appropriate descriptions.

To answer, drag the appropriate term from the column on the left to its description on the right

Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Terms

- Atomicity
- Consistency
- Isolation
- Durability

Answer Area

- Concurrent transactions cannot interfere with one another and must result in a consistent database state.
- Each transaction is treated as a single unit that succeeds completely or fails completely.
- Transactions can only take the data in a database from one valid state to another.
- When a transaction is committed, it will remain committed.

Answer:

Terms

- Atomicity
- Consistency
- Isolation
- Durability

Answer Area

- Isolation: Concurrent transactions cannot interfere with one another and must result in a consistent database state.
- Atomicity: Each transaction is treated as a single unit that succeeds completely or fails completely.
- Consistency: Transactions can only take the data in a database from one valid state to another.
- Durability: When a transaction is committed, it will remain committed.

NEW QUESTION: 95

To complete the sentence, select the appropriate option in the answer area.

Answer Area

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

Answer:

Answer Area

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

NEW QUESTION: 96

Match the types of visualizations to the appropriate descriptions.

To answer, drag the appropriate visualization type from the column on the left to its description on the right. Each visualization type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Visualizations

Key influencer

Scatter

Treemap

Answer Area

Visualization

Visualization

Visualization

A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.

A chart that displays the major contributors of a selected result or value.

A chart that shows the relationship between two numerical values.

Answer:

Visualizations

Key influencer

Scatter

Treemap

Answer Area

Treemap

Key influencer

Scatter

A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.

A chart that displays the major contributors of a selected result or value.

A chart that shows the relationship between two numerical values.

NEW QUESTION: 97

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

enable the hierarchical namespace.

set Account kind to BlobStorage.

set Performance to Premium.

set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

enable the hierarchical namespace.

set Account kind to BlobStorage.

set Performance to Premium.

set Replication to Read-access geo-redundant storage (RA-GRS).

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespace>

NEW QUESTION: 98

Select the answer that correctly completes the sentence.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

Answer:

See the answer in explanation below.

Answer below as:

Answer Area Microsoft

A relational database is appropriate for scenarios that involve a high volume of ▼

NEW QUESTION: 99

Which storage solution supports role-based access control (RBAC) at the file and folder level?

- A. Azure Blob storage
- B. Azure Queue storage
- C. Azure Disk Storage
- D. Azure Data Lake Storage

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

Match the terms to the appropriate descriptions.

To answer, drag the appropriate term from the column on the left to its description on the right.

Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Terms	Answer Area
Index	A database object that holds data
View	A database object whose content is defined by a query
Table	A database object that helps improve the speed of data retrieval

Answer:

Terms	Answer Area
Index	Table A database object that holds data
View	View A database object whose content is defined by a query
Table	Index A database object that helps improve the speed of data retrieval

Table	A database object that holds data
View	A database object whose content is defined by a query
Index	A database object that helps improve the speed of data retrieval

Reference:

[https://en.wikipedia.org/wiki/Table_\(database\)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.](https://en.wikipedia.org/wiki/Table_(database)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.)

[https://en.wikipedia.org/wiki/View_\(SQL\)](https://en.wikipedia.org/wiki/View_(SQL))

https://en.wikipedia.org/wiki/Database_index#:~:text=A%20database%20index%20is%20a,maintain%20the%20index%20data%20structure.

NEW QUESTION: 101

To complete the sentence, select the appropriate option in the answer area.

An extract, load, and transform (ELT) process requires

	a separate transformation engine. a target data store powerful enough to transform data. data that is fully processed before being loaded to the target data store. a data pipeline that includes a transformation engine.

Answer:

An extract, load, and transform (ELT) process requires	
	a separate transformation engine. a target data store powerful enough to transform data. data that is fully processed before being loaded to the target data store. a data pipeline that includes a transformation engine.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 102

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Table storage supports multiple read replicas.	☐	☐
Azure Table storage supports multiple write regions.	☐	☐
The Azure Cosmos DB Table API supports multiple read replicas.	☐	☐
The Azure Cosmos DB Table API supports multiple write regions.	☐	☐

Answer:

Statements	Yes	No
Azure Table storage supports multiple read replicas.	☐	☐
Azure Table storage supports multiple write regions.	☐	☐
The Azure Cosmos DB Table API supports multiple read replicas.	☐	☐
The Azure Cosmos DB Table API supports multiple write regions.	☐	☐

Statements	Yes	No
Azure Table storage supports multiple read replicas.	☐	☐
Azure Table storage supports multiple write regions.	☐	☐
The Azure Cosmos DB Table API supports multiple read replicas.	☐	☐
The Azure Cosmos DB Table API supports multiple write regions.	☐	☐

NEW QUESTION: 103

To complete the sentence, select the appropriate option in the answer area.

physically sorts the data in a table based on the values in a specified column.

- A view
- A clustered index
- A stored procedure
- A nonclustered index

Answer:

physically sorts the data in a table based on the values in a specified column.

- A view
- A clustered index
- A stored procedure
- A nonclustered index

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/indexes/clustered-and-nonclustered-indexes-described?view=sql-server-ver15>

NEW QUESTION: 104

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements

Yes

No

Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.

☐
☐

Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.

☐
☐

All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.

☐
☐

Answer:

Statements

Yes

No

Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.

☒
☐

Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.

☒
☐

All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.

☐
☒

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-paas>

<https://feedback.azure.com/forums/217321-sql-database/suggestions/6931152-please-add-ability-to-temporarily-turn-off-on-sql>

NEW QUESTION: 105

For each of the following statements, select yes if the statement is true, Otherwise select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☐
Azure Databricks can consume data from Azure Event Hubs.	☐	☐
Azure Databricks can consume data from Azure Cosmos DB.	☐	☐

Answer:

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☒
Azure Databricks can consume data from Azure Event Hubs.	☐	☒
Azure Databricks can consume data from Azure Cosmos DB.	☒	☐

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☒
Azure Databricks can consume data from Azure Event Hubs.	☐	☒
Azure Databricks can consume data from Azure Cosmos DB.	☒	☐



NEW QUESTION: 106

Select the answer that correctly completes the sentence.

Answer Area

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

Answer Area

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



Answer:

Answer Area

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPASS.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 107

You have a banking application that transfers money in to and out of accounts. Of which type of solution is this is an example?

- A. online analytical processing (OLAP)
- B. a data warehouse
- C. online transaction processing (OLTP)
- D. extract transform, and load (ETL)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 108

Select the answer that correctly completes the sentence.

Answer Area

can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.



Answer:

Answer Area



An instance of SQL Server on Azure Virtual Machines can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

NEW QUESTION: 109

To complete the sentence, select the appropriate option in the answer area.

Batch workloads

▼

process data in memory, row-by-row.
collect and process data at most once a day.
process data as new data is received in near real-time.
collect data and then process the data when a condition is met.

Answer:

Batch workloads

▼

process data in memory, row-by-row.
collect and process data at most once a day.
process data as new data is received in near real-time.
collect data and then process the data when a condition is met.

NEW QUESTION: 110

Match the Azure services to the appropriate requirements.

To answer, drag the appropriate service from the column on the left to its requirement on the right. Each

service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services

Answer Area

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Service

Output data to Parquet format

Service

Store data that is in Parquet format

Service

Persist a tabular representation of data that is stored in Parquet format

Answer:

Services	Answer Area
Azure Data Factory	Azure Data Factory Output data to Parquet format
Azure Data Lake Storage	Azure Data Lake Storage Store data that is in Parquet format
Azure SQL Database	
Azure Synapse Analytics	Azure Synapse Analytics Persist a tabular representation of data that is stored in Parquet format

Explanation

Azure Data Factory	Output data to Parquet format
Azure Data Lake Storage	Store data that is in Parquet format
Azure Synapse Analytics	Persist a tabular representation of data that is stored in Parquet format

Box 1: Azure Data Factory

Box 2: Azure Data Lake Storage

Azure Data Lake Storage (ADLA) now natively supports Parquet files. ADLA adds a public preview of the native extractor and outputter for the popular Parquet file format

Box 3: Azure Synapse Analytics

Use Azure Synapse Analytics Workspaces.

NEW QUESTION: 111

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Storage account	File share	Level
File system		Level

Answer:

Azure Storage account	File share	Azure Storage account
File system		File share

Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share>

NEW QUESTION: 112

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	☐	☐
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	☐	☐
If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	☐	☐

Answer:

Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	☐	☒
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	☒	☐
If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	☐	☒

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/sql-database-paas-overview>

NEW QUESTION: 113

Select the answer that correctly completes the sentence.

You can query a graph database in Azure Cosmos DB _____ as nodes and edges by using the Gremlin language.

Answer:

You can query a graph database in Azure Cosmos DB _____ as nodes and edges by using the Gremlin language.

NEW QUESTION: 114

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

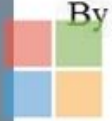
Answer Area

Microsoft

By default, each Azure SQL database is protected by

- a network security group (NSG).
- a server-level firewall.
- Azure Firewall.
- Azure Front Door.

Answer:

Answer Area

By default, each Azure SQL database is protected by

- a network security group (NSG).
- a server-level firewall.
- Azure Firewall.
- Azure Front Door.

Section: Describe how to work with relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/infrastructure-sql>

NEW QUESTION: 115

To complete the sentence, select the appropriate option in the answer area.

An extract, transform, and load (ETL) process requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Answer:

An extract, transform, and load (ETL) process requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 116

To complete the sentence, select the appropriate option in the answer area.

A visualization that illustrates a university's current student enrollment per department is an example of _____ analytics.

cognitive
descriptive
predictive
prescriptive

Answer:

Explanation

Text, table Description automatically generated

A visualization that illustrates a university's current student enrollment per department is an example of _____ analytics.

cognitive
descriptive
predictive
prescriptive

Generally speaking, data analytics comes in four types:

- * Descriptive, to answer the question: What's happening?
- * Diagnostic, to answer the question: Why's happening?
- * Predictive, to answer the question: What will happen?
- * Prescriptive, to answer the question: What actions should we take?

Company name Description automatically generated



NEW QUESTION: 117

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support access control lists that have object-level permissions,	
	enable the hierarchical namespace.
	set Account kind to BlobStorage.
	set Performance to Premium.
	set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

To configure an Azure Storage account to support access control lists that have object-level permissions,	
	enable the hierarchical namespace.
	set Account kind to BlobStorage.
	set Performance to Premium.
	set Replication to Read-access geo-redundant storage (RA-GRS).

Explanation

Table Description automatically generated

To configure an Azure Storage account to support access control lists that have object-level permissions,	
	enable the hierarchical namespace.
	set Account kind to BlobStorage.
	set Performance to Premium.
	set Replication to Read-access geo-redundant storage (RA-GRS).

A key mechanism that allows Azure Data Lake Storage Gen2 to provide file system performance at object storage scale and prices is the addition of a hierarchical namespace. This allows the collection of objects/files within an account to be organized into a hierarchy of directories and nested subdirectories in the same way that the file system on your computer is organized. With a hierarchical namespace enabled, a storage account becomes capable of providing the scalability and cost-effectiveness of object storage, with file system semantics that are familiar to analytics engines and frameworks.

NEW QUESTION: 118

You have the following JSON document.


```

"customer" : {
  "first name" : "Ben",
  "last name" : "Smith",
  "address" : {
    "line 1" : "161 Azure Ln",
    "line 2" : "Palo Alto",
    "ZIP code" : "54762"
  },
  "social media": [
    {
      "service" : "twitter",
      "handle" : "@bensmith"
    },
    {
      "service" : "linkedin",
      "handle" : "bensmith"
    }
  ],
  "phone numbers": [
    {
      "type" : "mobile",
      "number" : "555-555-555"
    }
  ]
}

```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the JSON document.

NOTE: Each correct selection is worth one point.

Customer is [answer choice].

- a nested array
- a nested object
- a root object

Address is [answer choice].

- a nested array
- a nested object
- a root object

Social media is [answer choice].

- a nested array
- a nested object
- a root object

Answer:

Customer is [answer choice].

Address is [answer choice].

Social media is [answer choice].

Microsoft

exam-tests.com

a nested array

a nested object

a root object

a nested array

a nested object

a root object

a nested array

a nested object

a root object

Reference:

https://www.w3schools.com/js/js_json_arrays.asp

https://www.w3schools.com/js/js_json_objects.asp

NEW QUESTION: 119

To complete the sentence, select the appropriate option in the answer area.

You can query a graph database in Azure Cosmos DB

Microsoft

exam-tests.com

as a JSON document by using a SQL-like language.

as a partitioned row store by using Cassandra Query Language (CQL).

as a partitioned row store by using Language-Integrated Query (LINQ).

as nodes and edges by using the Gremlin language.

Answer:

You can query a graph database in Azure Cosmos DB

Microsoft

exam-tests.com

as a JSON document by using a SQL-like language.

as a partitioned row store by using Cassandra Query Language (CQL).

as a partitioned row store by using Language-Integrated Query (LINQ).

as nodes and edges by using the Gremlin language.

You can query a graph database in Azure Cosmos DB

Microsoft

exam-tests.com

as a JSON document by using a SQL-like language.

as a partitioned row store by using Cassandra Query Language (CQL).

as a partitioned row store by using Language-Integrated Query (LINQ).

as nodes and edges by using the Gremlin language.

NEW QUESTION: 120

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements

Yes

No

Extract, transform, and load (ETL) can reduce the transfer of sensitive data to destination systems.

☐☐

Extract, load, and transform (ELT) transforms data by using a compute resource independent of the source system and destination system.

☐☐

Extract, load, and transform (ELT) minimizes the time it takes to copy large volumes of data to destination systems.

☐☐

Answer:

Statements

Yes

No

Extract, transform, and load (ETL) can reduce the transfer of sensitive data to destination systems.

☐☒

Extract, load, and transform (ELT) transforms data by using a compute resource independent of the source system and destination system.

☒☐

Extract, load, and transform (ELT) minimizes the time it takes to copy large volumes of data to destination systems.

☐☒

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 121

What are two uses of data visualization? Each correct answer present a complete solution.

NOTE: Each correct selection is worth one point.

- A. Represent trends and patterns over time.
- B. Communicate the significance of data.
- C. implement machine learning to predict future values.
- D. Consistently implement business logic across reports

Answer: ([SHOW ANSWER](#))

Data visualization is a key component in being able to gain insight into your data. It helps make big and small data easier for humans to understand. It also makes it easier to detect patterns, trends, and outliers in groups of data.

Data visualization brings data to help you find key business insights quickly and effectively.

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 122

To complete the sentence, select the appropriate option in the answer area.

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

Answer:

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

NEW QUESTION: 123

For each of the following statements, select Yes if the statement is true. Otherwise select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	☐	☐
Azure Data Factory pipelines can execute other pipelines.	☐	☐
A processing step within an Azure Data Factory pipeline is an activity.	☐	☐

Answer:

Answer Area

Statements

- A pipeline is a representation of a data structure within Azure Data Factory.
- Azure Data Factory pipelines can execute other pipelines.
- A processing step within an Azure Data Factory pipeline is an activity.

Microsoft

Yes	No
☐	☒
☒	☐
☐	☒

NEW QUESTION: 124

Match the Azure services to the appropriate locations in the architecture.

To answer, drag the appropriate service from the column on the left to its location on the right.

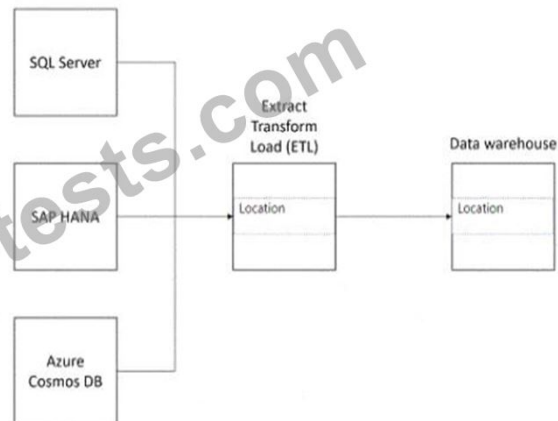
Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

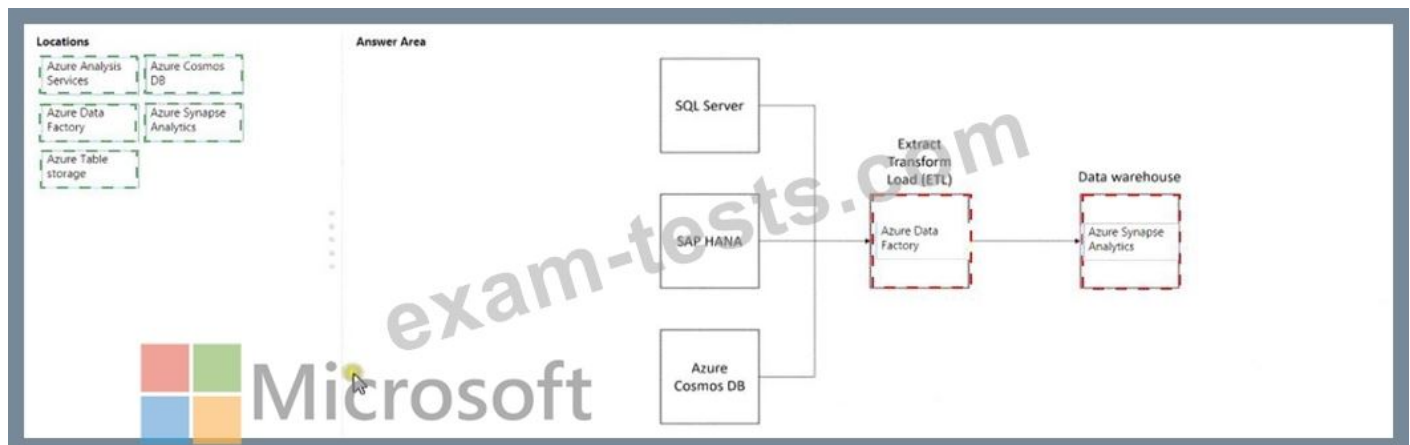
Locations

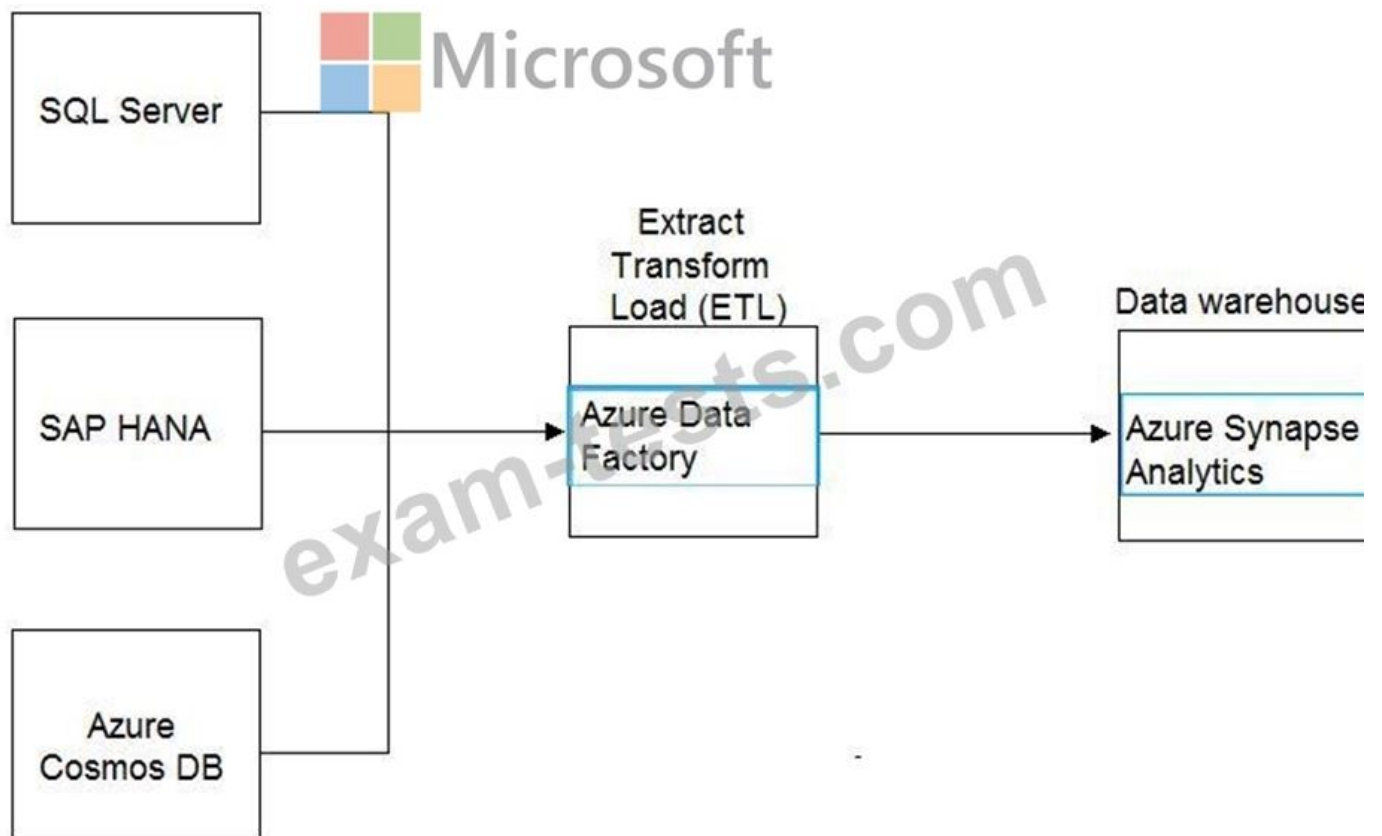
Azure Analysis Services	Azure Cosmos DB
Azure Data Factory	Azure Synapse Analytics
Azure Table storage	

Answer Area



Answer:





NEW QUESTION: 125

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Table storage within a single Azure Storage account supports multiple concurrent reads in different Azure regions.	☐	☐
Azure Table storage within a single Azure Storage account supports multiple concurrent writes in different Azure regions.	☐	☐
An Azure Cosmos DB account that uses the Table API supports multiple concurrent reads in different Azure regions.	☐	☐
An Azure Cosmos DB account that uses the Table API supports multiple concurrent writes in different Azure regions.	☐	☐

Answer:

Statements



Microsoft

Yes

No

Azure Table storage within a single Azure Storage account supports multiple concurrent reads in different Azure regions.

☒☐

Azure Table storage within a single Azure Storage account supports multiple concurrent writes in different Azure regions.

☐☒

An Azure Cosmos DB account that uses the Table API supports multiple concurrent reads in different Azure regions.

☒☐

An Azure Cosmos DB account that uses the Table API supports multiple concurrent writes in different Azure regions.

☒☐

Explanation

Text Description automatically generated

Statements	Yes	No
Azure Table storage within a single Azure Storage account supports multiple concurrent reads in different Azure regions.	☐	☐
Azure Table storage within a single Azure Storage account supports multiple concurrent writes in different Azure regions.	☐	☒
An Azure Cosmos DB account that uses the Table API supports multiple concurrent reads in different Azure regions.	☐	☐
An Azure Cosmos DB account that uses the Table API supports multiple concurrent writes in different Azure regions.	☐	☐

Box 1: Yes

For read access to the secondary region, configure your storage account to use read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

Box 2: No

Box 3: Yes

Box 4: Yes

Azure Cosmos DB supports multi-region writes.

NEW QUESTION: 126

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, interactive reports, paginated reports, and subscriptions for archiving.

fixed-layout documents

Microsoft

Answer:

Answer Area

Microsoft

A Microsoft Power BI dashboard enables users to create highly formatted, interactive reports, paginated reports, and subscriptions for archiving.

fixed-layout documents

Explanation:

<https://powerbi.microsoft.com/en-us/blog/announcing-paginated-reports-in-power-bi-general-availability/>

NEW QUESTION: 127

For each of the following statements, select yes if the statement is true, Otherwise, select No.

Note: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Normalizing a database increases the throughput of writing transactions.	☐	☐
Analytics systems are more normalized than transactional systems.	☐	☐
Normalizing a database results in queries that require more joins.	☐	☐

Microsoft

Answer:

Answer Area



Yes

No

Normalizing a database increases the throughput of writing transactions.

☒☐

Analytics systems are more normalized than transactional systems.

☐☒

Normalizing a database results in queries that require more joins.

☒☐

NEW QUESTION: 128

Match the types of workloads the appropriate scenario.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once or not at all.

NOTE: Each correct match is worth one point.

Workload Types	Microsoft	Answer Area
Batch		Workload Type: Data for a product catalog will be loaded every 12 hours to a data warehouse.
Micro-batch		Workload Type: Data for online purchases will be loaded to a data warehouse as the purchases occur.
Streaming		Workload Type: Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

Answer:

Workload Types	Microsoft	Answer Area
Batch		Batch: Data for a product catalog will be loaded every 12 hours to a data warehouse.
Micro-batch		Micro-batch: Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.
Streaming		Streaming: Data for online purchases will be loaded to a data warehouse as the purchases occur.

NEW QUESTION: 129

Match the terms to the appropriate descriptions.

To answer, drag the appropriate term from the column on the left to its description on the right.

Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Terms

Index
View
Table

Answer Area

	A database object that holds data
	A database object whose content is defined by a query
	A database object that helps improve the speed of data retrieval

Answer:

Terms	Answer Area
☐ Index	☐ Table A database object that holds data
☐ View	☐ View A database object whose content is defined by a query
☐ Table	☐ Index A database object that helps improve the speed of data retrieval

Reference:

[https://en.wikipedia.org/wiki/Table_\(database\)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.](https://en.wikipedia.org/wiki/Table_(database)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.)

[https://en.wikipedia.org/wiki/View_\(SQL\)](https://en.wikipedia.org/wiki/View_(SQL))

https://en.wikipedia.org/wiki/Database_index#:~:text=A%20database%20index%20is%20a,maintain%20the%20index%20data%20structure.

NEW QUESTION: 130

To complete the sentence, select the appropriate option in the answer area.

A block of code that runs in a database is called

☐ a stored procedure.

☐ a table.

☐ a view.

☐ an index.

Answer:

Explanation

Text Description automatically generated with medium confidence

A block of code that runs in a database is called

☐ a stored procedure.

☐ a table.

☐ a view.

☐ an index.

NEW QUESTION: 131

Select the answer that correctly completes the sentence.

Answer Area

The Azure Cosmos DB enables the use of SELECT statements to retrieve documents from Azure Cosmos DB.

for Apache Gremlin
for MongoDB
for Table

Microsoft

Answer:

Answer Area

The Azure Cosmos DB enables the use of SELECT statements to retrieve documents from Azure Cosmos DB.

for Apache Gremlin
for MongoDB
for Table

Microsoft

NEW QUESTION: 132

Select the answer that correctly completes the sentence.

Answer Area

Relational data is stored in a tabular form of rows and columns.
a file system as unstructured data.
a hierarchal folder structure.
a tabular form of rows and columns.
comma-separated value (CSV) files.

Microsoft

Answer:

Answer Area

Relational data is stored in a tabular form of rows and columns.
a file system as unstructured data.
a hierarchal folder structure.
a tabular form of rows and columns.
comma-separated value (CSV) files.

Microsoft

Explanation

Answer Area

Relational data is stored in a tabular form of rows and columns.

Microsoft

NEW QUESTION: 133

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Workload Types

Batch

Streaming

Answer Area

Workload Type	Analyzing web traffic from the past year
Workload Type	Classifying images that were uploaded last month
Workload Type	Tracking how many people are currently using a website

Answer:

Workload Types

Batch

Streaming

Answer Area

Batch	Analyzing web traffic from the past year
Streaming	Classifying images that were uploaded last month
Batch	Tracking how many people are currently using a website

Explanation:

Batch

Streaming

Batch

Data for a product catalog will be loaded every 12 hours to a data warehouse.

Data for online purchases will be loaded to a data warehouse as the purchases occur.

Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

Box 1: Batch

Batch processing refers to the processing of blocks of data that have already been stored over a period of time.

Box 2: Streaming

Stream processing is a big data technology that allows us to process data in real-time as they arrive and detect conditions within a small period of time from the point of receiving the data. It allows us to feed data into analytics tools as soon as they get generated and get instant analytics results.

Box 3: Batch

NEW QUESTION: 134

Your company plans to load data from a customer relationship management (CRM) system to a data warehouse by using an extract load, and transform (ELT) process.

Where does data processing occur for each stage of the ELT process? To answer, drag the appropriate locations to the correct. Each location may be used once, or not at all, You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Locations

An in-memory data integration tool The CRM system

The data warehouse

Answer Area

Extract: Location

Load: Location

Transform: Location

Microsoft

Answer:

Locations

An in-memory data integration tool The CRM system

The data warehouse

Answer Area

Extract: The CRM system Location

Load: The data warehouse Location

Transform: An in-memory data integration tool Location

Microsoft

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 135

Select the answer that correctly completes the sentence.

ANSWER AREA

An instance of SQL Server on Azure Virtual Machines can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

An Azure SQL Database elastic pool

An instance of SQL Server on Azure Virtual Machines

A single database in Azure SQL Database

Microsoft

Answer:

Answer Area

An instance of SQL Server on Azure Virtual Machines can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

An Azure SQL Database elastic pool

An instance of SQL Server on Azure Virtual Machines

A single database in Azure SQL Database

Microsoft

Answer Area

An instance of SQL Server on Azure Virtual Machines can be used as part of a lift-and-shift solution for migrating an on-premises application to the cloud with minimal changes.

Microsoft

NEW QUESTION: 136

Select the answer that correctly completes the sentence.

Answer Area

You can query a graph database in Azure Cosmos DB as nodes and edges by using the Gremlin language.

Microsoft

Answer:

Answer Area

You can query a graph database in Azure Cosmos DB as nodes and edges by using the Gremlin language.

Microsoft

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 137

To complete the sentence, select the appropriate option in the answer area.

In a data warehousing workload, data

Microsoft
from a single source is distributed to multiple locations
from multiple sources is combined in a single location
is added to a queue for multiple systems to process
is used to train machine learning models

Answer:

Microsoft
from a single source is distributed to multiple locations
from multiple sources is combined in a single location
is added to a queue for multiple systems to process
is used to train machine learning models

Explanation:

Microsoft
from a single source is distributed to multiple locations
from multiple sources is combined in a single location
is added to a queue for multiple systems to process
is used to train machine learning models

Note: The data warehouse workload encompasses:

- * The entire process of loading data into the warehouse
- * Performing data warehouse analysis and reporting
- * Managing data in the data warehouse
- * Exporting data from the data warehouse

NEW QUESTION: 138

For each of the following statements, select yes if the statement is true, Otherwise, select No.

Note: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	Normalizing a database increases the throughput of writing transactions.	☐	☐
	Analytics systems are more normalized than transactional systems.	☐	☐
	Normalizing a database results in queries that require more joins.	☐	☐

Answer:

Answer Area	Statements	Yes	No
	Normalizing a database increases the throughput of writing transactions.	☒	☐
	Analytics systems are more normalized than transactional systems.	☐	☒
	Normalizing a database results in queries that require more joins.	☒	☐

NEW QUESTION: 139

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You must apply patches to Azure SQL databases regularly.	☐	☐
You need a Microsoft 365 subscription to create an Azure SQL database.	☐	☐
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	☐	☐

Answer:

Statements	Yes	No
You must apply patches to Azure SQL databases regularly.	☐	☒
You need a Microsoft 365 subscription to create an Azure SQL database.	☐	☒
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	☒	☐

Statements	Yes	No
You must apply patches to Azure SQL databases regularly.	☐	☒
You need a Microsoft 365 subscription to create an Azure SQL database.	☐	☒
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	☒	☐

NEW QUESTION: 140

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	
5-Apr-20	\$40	2
5-Apr-20	\$2,800	1
6-Apr-20	\$40	3
6-Apr-20	\$200	4

You need to query the table to return the average sales amount day. The output must produce the following results.

SalesDate	AVG(SalesAmount)
4-Apr-20	\$2,000
5-Apr-20	\$1,170
6-Apr-20	\$120

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

CREATE GROUP BY ORDER BY SELECT

Answer Area

Value SalesDate, AVG(SalesAmount)
FROM Sales
Value SalesDate

Answer:

Values

CREATE GROUP BY ORDER BY SELECT

Answer Area

CREATE SalesDate, AVG(SalesAmount)
FROM Sales
SELECT SalesDate

NEW QUESTION: 141

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A job that processes sales data once daily is an example of a batch workload.	☐	☐
A job that calculates a rolling average temperature reading is an example of a streaming workload.	☐	☐
A job that calculates average revenue per product for the last month is an example of a streaming workload.	☐	☐

Answer:

Statements	Yes	No
A job that processes sales data once daily is an example of a batch workload.	☒	☐
A job that calculates a rolling average temperature reading is an example of a streaming workload.	☒	☐
A job that calculates average revenue per product for the last month is an example of a streaming workload.	☐	☒

Explanation

Box 1: Yes

Batch processing refers to processing of high volume of data in batch within a specific time span. It processes large volume of data all at once. Batch processing is used when data size is known and finite. It takes little longer time to processes data.

Box 2: Yes

Stream processing refers to processing of continuous stream of data immediately as it is produced. It analyzes streaming data in real time. Stream processing is used when the data size is unknown and infinite and continuous.

Box 3: No

NEW QUESTION: 142

Select the answer that correctly completes the sentence.

Answer Area

Backing up and restoring data are the responsibilities of a

data engineer.
data analyst.
data engineer.
data scientist.
database administrator.

Answer:

Answer Area

Backing up and restoring data are the responsibilities of a

- data engineer.
- data analyst.
- data engineer.**
- data scientist.
- database administrator.



NEW QUESTION: 143

Select the answer that correctly completes the sentence.

Answer:

Answer Area

An elastic pool enables multiple Azure SQL databases to share resources such as memory, data storage space, and processing power.



NEW QUESTION: 144

To complete the sentence, select the appropriate option in the answer area.

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

- graph.
- table.
- partition key.
- document.



Answer:

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

- graph.
- table.
- partition key.
- document.



When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

- graph.
- table.
- partition key.
- document.



NEW QUESTION: 145

Match the types of visualizations to the appropriate descriptions.

To answer, drag the appropriate visualization type from the column on the left to its description on the right.

Each visualization type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Visualizations	Answer Area
Key influencer	Visualization A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
Scatter	Visualization A chart that displays the major contributors of a selected result or value.
Treemap	Visualization A chart that shows the relationship between two numerical values.

Answer:

Visualizations	Answer Area
Key influencer	Treemap A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
Scatter	Key influencer A chart that displays the major contributors of a selected result or value.
Treemap	Scatter A chart that shows the relationship between two numerical values.

Explanation

Treemap	A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
Key influencer	A chart that displays the major contributors of a selected result or value.
Scatter	A chart that shows the relationship between two numerical values.

Box 1: Tree map

Treemaps are charts of colored rectangles, with size representing value. They can be hierarchical, with rectangles nested within the main rectangles.

Total Units Last Year by Category



Box 2: Key influencer

A key influencer chart displays the major contributors to a selected result or value.

Box 3: Scatter

Scatter and Bubble charts display relationships between 2 (scatter) or 3 (bubble) quantitative measures -- whether or not, in which order, etc.

NEW QUESTION: 146

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.



Statements

Yes

No

Azure Synapse Analytics scales storage and compute independently

☐
☐

Azure Synapse Analytics can be paused to reduce compute costs

☐
☐

An Azure Synapse Analytics data warehouse has a fixed storage capacity

☐
☐

Answer:

Statements

Yes

No

Azure Synapse Analytics scales storage and compute independently

☒
☐

Azure Synapse Analytics can be paused to reduce compute costs

☒
☐

An Azure Synapse Analytics data warehouse has a fixed storage capacity

☐
☒

Reference:

NEW QUESTION: 147

You have a SQL query that combines customer data and order data. The query includes calculated columns.

You need to persist the SQL query so that other users can use the query. What should you create?

- A. a table
- B. an index
- C. scalar function
- D. a view

Answer: D ([LEAVE A REPLY](#))

A view is a virtual table whose contents are defined by a query. A view acts as a filter on the underlying tables referenced in the view. The query that defines the view can be from one or more tables or from other views in the current or other databases.

NEW QUESTION: 148

To complete the sentence, select the appropriate option in the answer area.

 is a virtual table that contains content defined by a query.

A heap
A stored procedure
A view
An index

Answer:

 is a virtual table that contains content defined by a query.

A heap
A stored procedure
A view
An index

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/views/views>

NEW QUESTION: 149

Your company is designing a data store that will contain student data. The data has the following format.

StudentNumber	StudentInformation
7634634	First name: Ben Last: Smith Preferred Name: Benjamin
7634634	First Name: Dominik Last Name: Paiha Email Address: dpaiha@contoso.com MCP ID: 931817
7634636	First Name: Reshma Last Name: Patel Phone number: 514-555-1101
7634637	First Name: Yun-Feng Last Name: Peng

Which type of data store should you use?

- A. graph
- B. key/value
- C. object
- D. columnar

Answer: D ([LEAVE A REPLY](#))

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

NEW QUESTION: 150

You need to query a table named Products in an Azure SQL database.

Which three requirements must be met to query the table from the internet? Each correct answer presents part of the solution. (Choose three.) NOTE: Each correct selection is worth one point.

- A. You must be assigned the Reader role for the resource group that contains the database.
- B. You must have SELECT access to the Products table.
- C. You must have a user in the database.
- D. You must be assigned the Contributor role for the resource group that contains the database.
- E. Your IP address must be allowed to connect to the database.

Answer: (SHOW ANSWER)

<https://docs.microsoft.com/en-us/sql/relational-databases/security/authentication-access/getting-started-with-data>

NEW QUESTION: 151

Select the answer that correctly completes the sentence.

Answer Area

The clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

 Microsoft

Answer:

Answer below as:

Answer Area

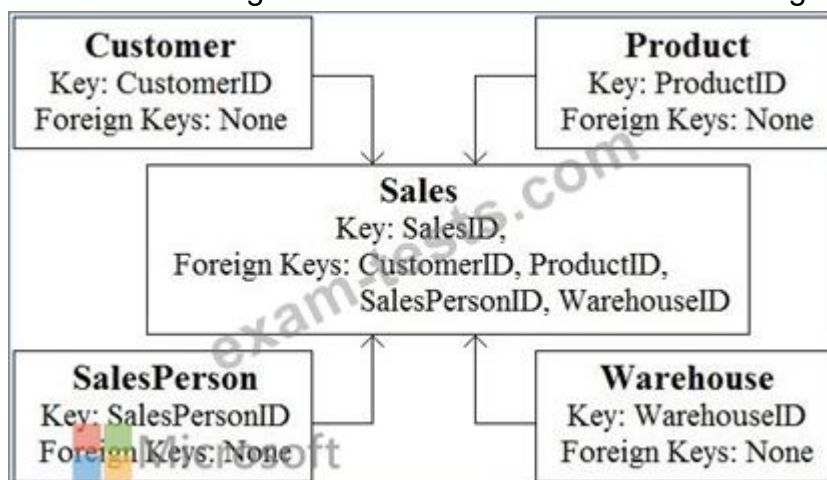
The clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

 Microsoft

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpsPASS.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 152

You are reviewing the data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point

The data model is a [answer choice].

▼
transactional model
star schema
snowflake schema

Customer is a [answer choice] table.

▼
fact
dimension
bridge

Answer:

The data model is a [answer choice].	Microsoft ▼
	transactional model
	star schema
	snowflake schema
Customer is a [answer choice] table.	▼
	fact
	dimension
	bridge

The data model is a [answer choice].

▼
transactional model
star schema
snowflake schema

Customer is a [answer choice] table.

▼
fact
dimension
bridge

NEW QUESTION: 153

To complete the sentence, select the appropriate option in the answer area.

Transparent Data Encryption (TDE) encrypts	▼
	a column to protect data at rest and in transit.
	queries and their results in order to protect data in transit.
	the database to protect data at rest.
	the server to protect data at rest.

Answer:

Transparent Data Encryption (TDE) encrypts

- a column to protect data at rest and in transit.
- queries and their results in order to protect data in transit.
- the database to protect data at rest.
- the server to protect data at rest.

Transparent Data Encryption (TDE) encrypts

- a column to protect data at rest and in transit.
- queries and their results in order to protect data in transit.
- the database to protect data at rest.
- the server to protect data at rest.

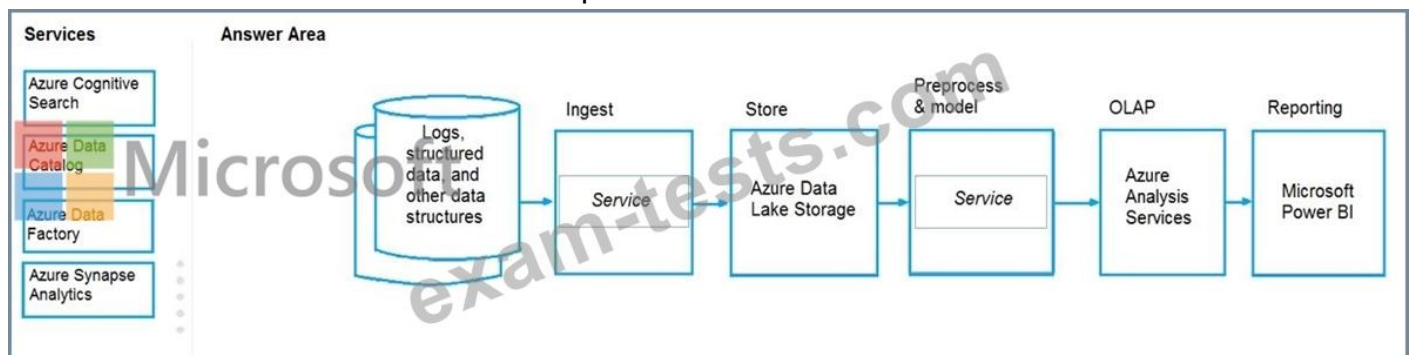
NEW QUESTION: 154

Match the Azure services to the appropriate locations in the architecture.

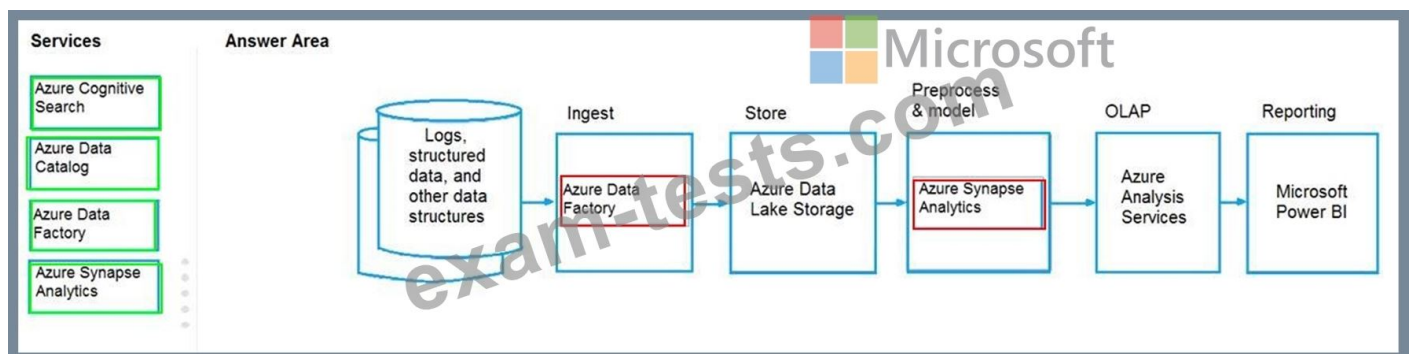
To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-data-ingest-adf>

<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/sqlldw-walkthrough>

NEW QUESTION: 155

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support access control lists that have object-level permissions,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

To configure an Azure Storage account to support access control lists that have object-level permissions,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespaces>

NEW QUESTION: 156

Select the answer that correctly completes the sentence.

Answer Area

In a graph database, edges specify relationships between

- tables.
- column families.
- facts.
- vertexes.
- tables.

Answer:

Answer Area

In a graph database, edges specify relationships between

- tables.
- column families.
- facts.
- vertexes.
- tables.

Answer Area

In a graph database, edges specify relationships between

- tables.

NEW QUESTION: 157

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.

☐☐

You can use blob, table, and file storage in the same Azure Storage account.

☐☐

You implement Azure Data Lake Storage by creating an Azure Storage account.

☐☐**Answer:****Statements****Yes****No**

When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.

☒☐

You can use blob, table, and file storage in the same Azure Storage account.

☒☐

You implement Azure Data Lake Storage by creating an Azure Storage account.

☒☐**Reference:**

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-get-started-portal>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

<https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

NEW QUESTION: 158

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

Azure Databricks is an Apache Spark-based collaborative analytics platform.

☐☐

Azure Analysis Services is used for transactional workloads.

☐☐

Azure Data Factory orchestrates data integration workflows.

☐☐**Answer:**

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☒	☐
Azure Analysis Services is used for transactional workloads.	☐	☒
Azure Data Factory orchestrates data integration workflows.	☒	☐

Explanation:

Graphical user interface, text, application, email Description automatically generated

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	☐	☐
Azure Analysis Services is used for transactional workloads.	☐	☐
Azure Data Factory orchestrates data integration workflows.	☐	☐

NEW QUESTION: 159

To complete the sentence, select the appropriate option in the answer area.

When provisioning an Azure Cosmos DB , you need to specify which type of API you will use



- account
- container
- database
- item

Answer:

When provisioning an Azure Cosmos DB , you need to specify which type of API you will use.

- account
- container
- database
- item

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/create-cosmosdb-resources-portal>

NEW QUESTION: 160

Which type of database is Azure Database for PostgreSQL?

- A. Platform as a service (PaaS)
- B. Microsoft SQL Server
- C. on-premises
- D. Infrastructure as a service (IaaS)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 161

For each of the following statements, select yes if the statement is true, Otherwise select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☐
Azure Databricks can consume data from Azure Event Hubs.	☐	☐
Azure Databricks can consume data from Azure Cosmos DB.	☐	☐

Answer:

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	☐	☒
Azure Databricks can consume data from Azure Event Hubs.	☐	☒
Azure Databricks can consume data from Azure Cosmos DB.	☒	☐

NEW QUESTION: 162

Select the answer that correctly completes the sentence.

Answer Area

The massively parallel processing (MPP) engine
of Azure Synapse Analytics

Answer:

The massively parallel processing (MPP) engine of Azure Synapse Analytics	distributes processing across compute nodes.
--	---

NEW QUESTION: 163

Which three actions are used when performing diagnostic analytics?

- A.** * Identify data anomalies
* Collect anomaly-related data
* Discover relationships and trends that explain anomalies.
- B.** * Identify data anomalies
* Predict when anomalies are likely to recur
* Use analytical tools such as decision trees and regression.

C. * Apply self-learning loops to draw inferences from anomalies.

* Predict when anomalies are likely to recur

* Use analytical tools such as decision trees and regression.

Answer: A (LEAVE A REPLY)

D.

* Identify data anomalies

* Use machine learning to find patterns in large datasets.

* Discover relationships and trends that explain anomalies.

NEW QUESTION: 164

Select the answer that correctly completes the sentence.

Answer Area

The service is optimized for IoT solutions.

- Azure SQL Database
- Azure SQL Edge
- Azure SQL Managed Instance
- SQL Server on Azure Virtual Machines

Answer:

Answer Area

The service is optimized for IoT solutions.

- Azure SQL Database
- Azure SQL Edge
- Azure SQL Managed Instance
- SQL Server on Azure Virtual Machines

Answer Area

The service is optimized for IoT solutions.

NEW QUESTION: 165

Match the Azure services to the appropriate requirements.

To answer, drag the appropriate service from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services	Answer Area
Azure Data Factory	Service Output data to Parquet format
Azure Data Lake Storage	Service Store data that is in Parquet format
Azure SQL Database	Service Persist a tabular representation of data that is stored in Parquet format
Azure Synapse Analytics	

Answer:

Services	Answer Area
Azure Data Factory	Azure Data Factory
Azure Data Lake Storage	Azure Data Lake Storage
Azure SQL Database	Azure Synapse Analytics
Azure Synapse Analytics	

Output data to Parquet format

Store data that is in Parquet format

Persist a tabular representation of data that is stored in Parquet format

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/supported-file-formats-and-compression-codecs>

NEW QUESTION: 166

To complete the sentence, select the appropriate option in the answer area.

An extract, load, and transform (ELT) process requires

- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- a data pipeline that includes a transformation engine.

Answer:

Explanation

Text Description automatically generated with medium confidence

An extract, load, and transform (ELT) process requires

- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- a data pipeline that includes a transformation engine.

With ELT, the data store used to perform the transformation is the same data store where the data is ultimately consumed.

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:

NEW QUESTION: 167

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	☐	☐
Normalizing a database reduces data redundancy.	☐	☐
Normalization improves data integrity.	☐	☐

Answer:

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	☐	☒
Normalizing a database reduces data redundancy.	☒	☐
Normalization improves data integrity.	☒	☐

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	☐	☒
Normalizing a database reduces data redundancy.	☒	☐
Normalization improves data integrity.	☒	☐

NEW QUESTION: 168

Match the Azure Cosmos DB APIs to the appropriate data structures.

To answer, drag the appropriate API from the column on the left to its data structure on the right.

Each API may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

APIs

Cassandra API

Gremlin API

MongoDB API

Table API

Answer Area

Graph data

JSON documents

Key/value data

Answer:

APIs

Cassandra API

Gremlin API

MongoDB API

Table API

Answer Area

Gremlin API

MongoDB API

Table API

Graph data

JSON documents

Key/value data

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/faq>

NEW QUESTION: 169

Match the security components to the appropriate scenarios.

To answer, drag the appropriate component from the column on the left to its scenario on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components

Authentication

Firewall

Encryption

Answer Area

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

Answer:

Components

Authentication

Firewall

Encryption

Answer Area

Firewall

Authentication

Encryption

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

Firewall
Authentication
Encryption

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

NEW QUESTION: 170

To complete the sentence, select the appropriate option in the answer area.

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

Answer:

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

NEW QUESTION: 171

To complete the sentence, select the appropriate option in the answer area.

_____ presents content defined by a query.

- A heap
- A stored procedure
- A view
- An index

Answer:

_____ presents content defined by a query.

- A heap
- A stored procedure
- A view
- An index

NEW QUESTION: 172

Select the answer that correctly completes the sentence.

Answer Area

A key/value data store is optimized for

- simple lookups.
- enforcing constraints.
- simple lookups.
- table joins.

Microsoft

Answer:

Answer Area

A key/value data store is optimized for

- simple lookups.
- enforcing constraints.
- simple lookups.
- table joins.

Microsoft

NEW QUESTION: 173

Select the answer that correctly completes the sentence.

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

Microsoft

Answer:

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.

Microsoft

NEW QUESTION: 174

Which database transaction property ensures that transactional changes to a database are preserved during unexpected operating system restarts?

- A. durability
- B. atomicity
- C. consistency
- D. isolation

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 175

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	☐	☐
Azure Data Factory pipelines can execute other pipelines	☐	☐
A processing step within an Azure Data Factory pipeline is an activity	☐	☐

Answer:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	☐	☒
Azure Data Factory pipelines can execute other pipelines	☒	☐
A processing step within an Azure Data Factory pipeline is an activity	☒	☐

Explanation:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	☐	☒
Azure Data Factory pipelines can execute other pipelines	☒	☐
A processing step within an Azure Data Factory pipeline is an activity	☒	☐

Box 1: No

A pipeline is a logical grouping of activities that together perform a task.

Box 2: Yes

You can construct pipeline hierarchies with data factory.

Box 3: Yes

A pipeline is a logical grouping of activities that together perform a task.

NEW QUESTION: 176

Your company plans to load data from a customer relationship management (CRM) system to a data warehouse by using an extract, load, and transform (ELT) process.

Where does data processing occur for each stage of the ELT process? To answer, drag the appropriate locations to the correct stages. Each location may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Locations	Answer Area	
A standalone data analysis tool	Extract	
The CRM system	Load:	
The data warehouse	Transform:	

Answer:

Locations

Answer Area

A standalone data analysis tool	Extract	The CRM system
The CRM system	Load:	The data warehouse
The data warehouse	Transform:	A standalone data analysis tool

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 177

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You create Azure File Storage in a storage account.	☐	☐
The Premium tier of Azure File Storage uses HDD-based hardware in a datacenter.	☐	☐
The Standard tier of Azure File Storage uses SSDs.	☐	☐

Answer:

Statements	Yes	No
You create Azure File Storage in a storage account.	☒	☐
The Premium tier of Azure File Storage uses HDD-based hardware in a datacenter.	☐	☒
The Standard tier of Azure File Storage uses SSDs.	☐	☒

Statements	Yes	No
You create Azure File Storage in a storage account.	☒	☐
The Premium tier of Azure File Storage uses HDD-based hardware in a datacenter.	☐	☒
The Standard tier of Azure File Storage uses SSDs.	☐	☒

Valid DP-900 Dumps shared by BraindumpsPass.com for Helping Passing DP-900 Exam! BraindumpsPass.com now offer the **newest DP-900 exam dumps**, the BraindumpsPass.com DP-900 exam **questions have been updated** and **answers have been corrected** get the **newest** BraindumpsPass.com DP-900 dumps with Test Engine here:
<https://www.braindumpspass.com/Microsoft/DP-900-practice-exam-dumps.html> (313 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)