DP-900 Dumps

Microsoft Azure Data Fundamentals

https://www.certleader.com/DP-900-dumps.html

NEW QUESTION 1
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. |

Solution:

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. |

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 2
Your company has a reporting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

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

Answer: D

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.

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.	○	○

Solution:

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.	○	○

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 4
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.

Solution:

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.

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 5
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.	○	○

Solution:

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.	☑	○

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 6
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

Solution:

Terms

Azure Storage account	File share
File system	

Answer Area

Azure Resource Group
  └ Azure Storage account
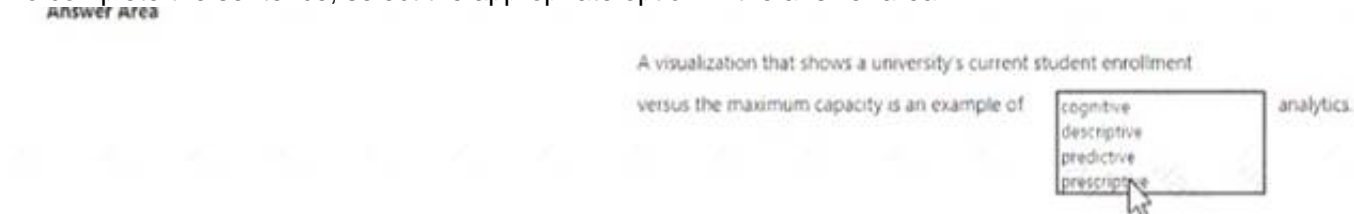   └ File share
          └ Folders
              └ Files

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 7
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 [cognitive / descriptive / predictive / prescriptive] analytics.

Solution:

Answer Area

A visualization that shows a university's current student enrollment

versus the maximum capacity is an example of [cognitive / descriptive / predictive / prescriptive] analytics.
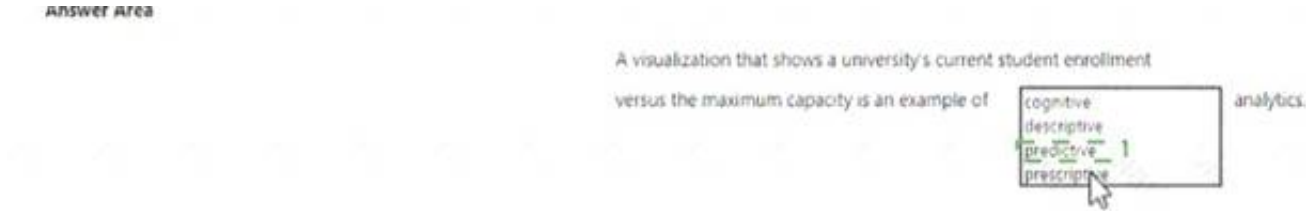
Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 8
You need to ensure that users use multi-factor authentication (MFA) when connecting to an Azure SQL database.
Which type of authentication should you use?

A. service principal authentication
B. Azure Active Directory (Azure AD) authentication
C. SQL authentication
D. certificate authentication

Answer: B

NEW QUESTION 9
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

Dataset	Linked service	Mapping data flow	Pipeline

Answer Area

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

Solution:

Components

Dataset	Linked service	Mapping data flow	Pipeline

Answer Area

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

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 10
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	Key/value pairs
Relationships between employees	

Answer Area

Data Type	Azure Blob storage
Data Type	Azure Cosmos DB Gremlin API
Data Type	Azure Table storage

Solution:

Data Types

Image files	Key/value pairs
Relationships between employees	

Answer Area

Image files	Azure Blob storage
Key/value pairs	Azure Cosmos DB Gremlin API
Relationships between employees	Azure Table storage

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 11
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
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.	○	○

Solution:

Answer Area

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.	○	☑

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 12
You have a SQL pool in Azure Synapse Analytics that is only used actively every night for eight hours. You need to minimize the cost of the SQL pool during idle

times. The solution must ensure that the data remains intact.
What should you do on the SQL pool?

A. Scale down the data warehouse units (DWUs).
B. Pause the pool.
C. Create a user-defined restore point.
D. Delete the pool

Answer: B

NEW QUESTION 13
For each of the following statements, select yes if he 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.	○	○

Solution:

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.	○	○

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 14
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 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.	○	○

Solution:

Answer Area

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.	○	○

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 15
What are three characteristics of an Online Transaction Processing (OLTP) workload? Each correct answer presents a complete solution. (Choose three.)
NOTE: Each correct selection is worth one point.

A. denormalized data
B. heavy writes and moderate reads

C. light writes and heavy reads
D. schema on write
E. schema on read
F. normalized data

Answer: BDE

NEW QUESTION 16
Your company needs to ensure that in Azure virtual machine can connect to Azure SQL databases without exposing the databases to the internet. What should you use?

A. Azure DNS
B. Azure Application Gateway
C. Azure Private link
D. Azure Traffic Manager

Answer: B

NEW QUESTION 17
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.

Solution:

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 18
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

NEW QUESTION 19
To complete the sentence, select the appropriate option in the answer area.

Answer Area

changes to relationships between entities.
geographically distributed writes.
transactional writes.
writes that have varying data structures.

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

Solution:

Answer Area

changes to relationships between entities.
geographically distributed writes.
transactional writes.
writes that have varying data structures.

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

Does this meet the goal?

A. Yes
B. No

Answer: A

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
Processing salary payments once a month is an example of a batch workload.	○	○
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	○	○
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	○	○

Solution:

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	○	○
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	○	○
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	○	○

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 21
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