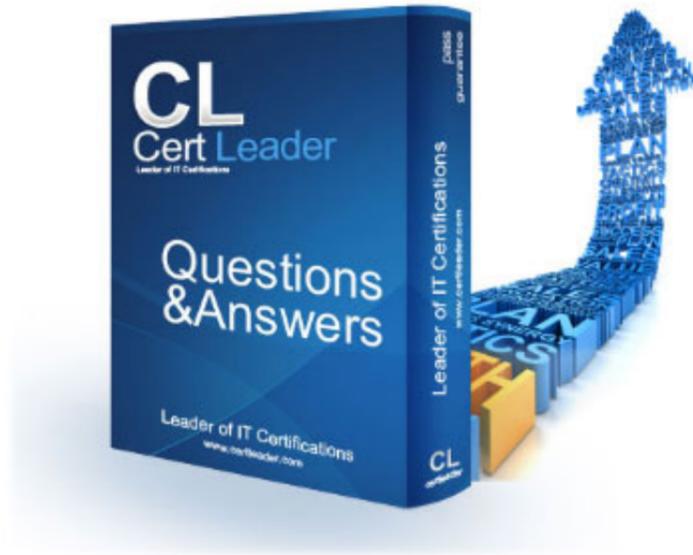


## DP-900 Dumps

### Microsoft Azure Data Fundamentals

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



**NEW QUESTION 1**

A bar chart showing year-to date sales by region is an example of which type of analytics?

- A. descriptive
- B. diagnostic
- C. predictive
- D. prescriptive

**Answer: B**

**NEW QUESTION 2**

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

Answer Area

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

|   |
|---|
| <input type="checkbox"/> distributes processing across compute nodes.       |
| <input type="checkbox"/> distributes processing across control nodes.       |
| <input type="checkbox"/> redirects client connections across compute nodes. |
| <input type="checkbox"/> redirects client connections across control nodes. |

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

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

|   |
|---|
| <input type="checkbox"/> distributes processing across compute nodes.       |
| <input type="checkbox"/> distributes processing across control nodes.       |
| <input type="checkbox"/> redirects client connections across compute nodes. |
| <input type="checkbox"/> redirects client connections across control nodes. |

**NEW QUESTION 3**

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 4**

Which command-line tool can you use to query Azure SQL databases?

- A. sqlcmd
- B. bcp
- C. azdata
- D. Azure CLI

**Answer: D**

**NEW QUESTION 5**

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

Transcribing audio files is an example of 

|              |   |
|--------------|---|
|              | ▼ |
| cognitive    |   |
| descriptive  |   |
| predictive   |   |
| prescriptive |   |

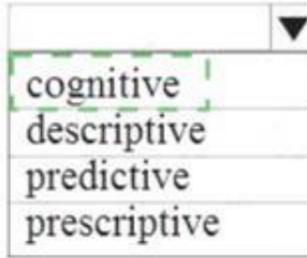
 analytics.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Transcribing audio files is an example of  analytics.



**NEW QUESTION 6**

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.  | <input type="radio"/> | <input type="radio"/> |
| Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks. | <input type="radio"/> | <input type="radio"/> |
| Azure Data Studio can be used to restore a database.   | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements   | Yes                              | No                               |
|--|----------------------------------|----------------------------------|
| Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.  | <input type="radio"/>            | <input checked="" type="radio"/> |
| Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks. | <input type="radio"/>            | <input checked="" type="radio"/> |
| Azure Data Studio can be used to restore a database.   | <input checked="" type="radio"/> | <input type="radio"/>            |

**NEW QUESTION 7**

What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. complete control over backup and restore processes
- B. access to the latest features
- C. in-database machine learning services
- D. reduced administrative effort for managing the server infrastructure

Answer: BC

**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.

Answer Area

| Statements  | Yes                   | No                    |
|---|-----------------------|-----------------------|
| The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account. | <input type="radio"/> | <input type="radio"/> |
| Partition keys are used in Azure Cosmos DB to optimize queries.                                   | <input type="radio"/> | <input type="radio"/> |
| Items contained in the same Azure Cosmos DB logical partition can have different partition keys.  | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements  | Yes                              | No                               |
|---|----------------------------------|----------------------------------|
| The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account. | <input checked="" type="radio"/> | <input type="radio"/>            |
| Partition keys are used in Azure Cosmos DB to optimize queries.                                   | <input type="radio"/>            | <input checked="" type="radio"/> |
| Items contained in the same Azure Cosmos DB logical partition can have different partition keys.  | <input type="radio"/>            | <input checked="" type="radio"/> |

**NEW QUESTION 9**

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. |

- A. Mastered
- B. Not Mastered

**Answer:** A

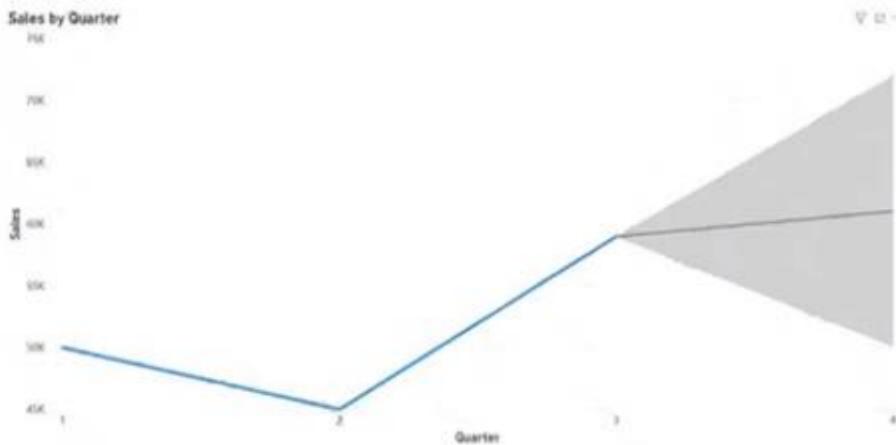
**Explanation:**

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 10**

Your company recently reported sales from the third quarter. You have the chart shown in the following exhibit.



Which type of analysis is shown for the fourth quarter?

- A. predictive
- B. prescription
- C. descriptive
- D. diagnostic

**Answer:** B

**NEW QUESTION 10**

Which Azure SQL offering supports automatic database scaling and automatic pausing of the database during inactive periods?

- A. Azure SQL Database Hyperscale
- B. Azure SQL managed instance
- C. Azure SQL Database serverless
- D. Azure SQL Database elastic pod

**Answer:** B

**NEW QUESTION 13**

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           |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

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

**NEW QUESTION 18**

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.                             |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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.                             |

**NEW QUESTION 20**

Which two activities can be performed entirely by using the Microsoft Power BI service? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. report and dashboard creation
- B. report sharing and distribution
- C. data modeling
- D. data acquisition and preparation

**Answer:** AD

**NEW QUESTION 24**

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. | <input type="radio"/> | <input type="radio"/> |
| Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.             | <input type="radio"/> | <input type="radio"/> |
| All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.  | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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. | <input checked="" type="radio"/> | <input type="radio"/>            |
| Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.             | <input type="radio"/>            | <input checked="" type="radio"/> |
| All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.  | <input checked="" type="radio"/> | <input type="radio"/>            |

**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                    |
|--|-----------------------|-----------------------|
| A Microsoft Power BI dashboard is associated with a single workspace.                      | <input type="radio"/> | <input type="radio"/> |
| A Microsoft Power BI dashboard can only display visualizations from a single dataset.      | <input type="radio"/> | <input type="radio"/> |
| A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

| Statements   | Yes                              | No                               |
|--|----------------------------------|----------------------------------|
| A Microsoft Power BI dashboard is associated with a single workspace.                      | <input type="radio"/>            | <input checked="" type="radio"/> |
| A Microsoft Power BI dashboard can only display visualizations from a single dataset.      | <input type="radio"/>            | <input checked="" type="radio"/> |
| A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook. | <input checked="" type="radio"/> | <input type="radio"/>            |

**NEW QUESTION 28**

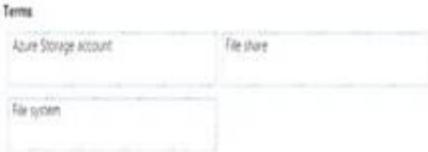
Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy. To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 32**

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.       | <input type="radio"/> | <input type="radio"/> |
| Azure Synapse Analytics can be paused to reduce compute costs.          | <input type="radio"/> | <input type="radio"/> |
| An Azure Synapse Analytics data warehouse has a fixed storage capacity. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

| Statements  | Yes                              | No                               |
|---|----------------------------------|----------------------------------|
| Azure Synapse Analytics scales storage and compute independently.       | <input checked="" type="radio"/> | <input type="radio"/>            |
| Azure Synapse Analytics can be paused to reduce compute costs.          | <input checked="" type="radio"/> | <input type="radio"/>            |
| An Azure Synapse Analytics data warehouse has a fixed storage capacity. | <input type="radio"/>            | <input checked="" type="radio"/> |

**NEW QUESTION 34**

What are two characteristics of real-time data processing? Each correct answer present a complete solution. NOTE: Each correct selection is worth one point.

- A. Data is processed as it is created.
- B. Low latency is expected
- C. High latency acceptable
- D. Data is processed periodically

**Answer:** BD

**NEW QUESTION 36**

You need to design and model a database by using a graphical tool that supports project-oriented offline database development. What should you use?

- A. Microsoft SQL Server Data Tools (SSDT)
- B. Microsoft SQL Server Management Studio (SSMS)
- C. Azure Databricks
- D. Azure Data Studio

**Answer:** A

**NEW QUESTION 41**

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 44**

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 49**

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**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

**NEW QUESTION 51**

You are writing a set of SQL queries that administrators will use to troubleshoot an Azure SQL database. You need to embed documents and query results into a SQL notebook.

What should you use?

- A. Microsoft SQL Server Management Studio (SSMS)

- B. Azure Data Studio
- C. Azure CLI
- D. Azure PowerShell

**Answer: B**

**NEW QUESTION 53**

Match the types of analytics that can be used to answer the business questions.

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

NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**NEW QUESTION 55**

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.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**NEW QUESTION 57**

You have a transactional application that stem data in an Azure SQ1 managed instance. When should you implement a read-only database replica?

- A. You need to generate reports without affecting the transactional workload.
- B. You need to audit the transactional application.
- C. You need to implement high availability in the event of a regional outage
- D. You need to improve the recovery point objective (RPO).

**Answer: C**

**NEW QUESTION 61**

Which statement is an example of Data Definition Language (DDL)?

- A. SELECT
- B. JOIN
- C. MERGE
- D. CREATE

**Answer:** D

**NEW QUESTION 64**

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

Answer Area

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

- a data pipeline that includes a transformation engine.
- 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. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

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

- a data pipeline that includes a transformation engine.
- 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.

**NEW QUESTION 65**

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

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

**Answer:** C

**NEW QUESTION 69**

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. | <input type="radio"/> | <input type="radio"/> |
| Azure Data Factory pipelines can execute other pipelines.                     | <input type="radio"/> | <input type="radio"/> |
| A processing step within an Azure Data Factory pipeline is an activity.       | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

| Statements  | Yes                              | No                               |
|---|----------------------------------|----------------------------------|
| A pipeline is a representation of a data structure within Azure Data Factory. | <input checked="" type="radio"/> | <input type="radio"/>            |
| Azure Data Factory pipelines can execute other pipelines.                     | <input checked="" type="radio"/> | <input type="radio"/>            |
| A processing step within an Azure Data Factory pipeline is an activity.       | <input type="radio"/>            | <input checked="" type="radio"/> |

**NEW QUESTION 72**

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 76**

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          | Answer Area    |
|---------------|----------------|
| Cassandra API |                |
| Gremlin API   | Graph data     |
| MongoDB API   | JSON documents |
| Table API     | Key/value data |

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

| APIs          | Answer Area |
|---------------|-------------|
| Cassandra API | Gremlin API |
| Gremlin API   | MongoDB API |
| MongoDB API   | Table API   |
| Table API     |             |

**NEW QUESTION 81**

Which Azure Data Factory component initiates the execution of a pipeline?

- A. a control flow
- B. a trigger
- C. a parameter
- D. an activity

Answer: B

**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 managed instance supports cross-database queries.                                     | <input type="radio"/> | <input type="radio"/> |
| Azure SQL managed instance supports user-created backups.                                       | <input type="radio"/> | <input type="radio"/> |
| Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Answer Area

| Statements  | Yes                              | No                               |
|---|----------------------------------|----------------------------------|
| Azure SQL managed instance supports cross-database queries.                                     | <input checked="" type="radio"/> | <input type="radio"/>            |
| Azure SQL managed instance supports user-created backups.                                       | <input type="radio"/>            | <input checked="" type="radio"/> |
| Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine. | <input checked="" type="radio"/> | <input type="radio"/>            |

**NEW QUESTION 86**

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

|       |             |           |
|-------|-------------|-----------|
| Batch | Micro-batch | Streaming |
|-------|-------------|-----------|

Answer Area

|               |  |
|---------------|--|
| Workload Type | Data for a product catalog will be loaded every 12 hours to a data warehouse.          |
| Workload Type | Data for online purchases will be loaded to a data warehouse as the purchases occur.   |
| Workload Type | Updates to inventory data will be loaded to a data warehouse every 1,000 transactions. |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Workload Types

|       |             |           |
|-------|-------------|-----------|
| Batch | Micro-batch | Streaming |
|-------|-------------|-----------|

Answer Area

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

**NEW QUESTION 87**

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 92**

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 | Present a tabular representation of data that is stored in Parquet format. |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



**NEW QUESTION 95**

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**

**NEW QUESTION 98**

You need to recommend a non-relational data store that is optimized for storing and retrieving files, videos, audio stream, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file. Which type of data store should you recommend?

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

**Answer: C**

**NEW QUESTION 99**

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. | <input type="radio"/> | <input type="radio"/> |
| If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.                       | <input type="radio"/> | <input type="radio"/> |
| If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.     | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

| Statements   | Yes                              | No                               |
|--|----------------------------------|----------------------------------|
| If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates. | <input checked="" type="radio"/> | <input type="radio"/>            |
| If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.                       | <input type="radio"/>            | <input checked="" type="radio"/> |
| If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.     | <input checked="" type="radio"/> | <input type="radio"/>            |

**NEW QUESTION 103**

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.

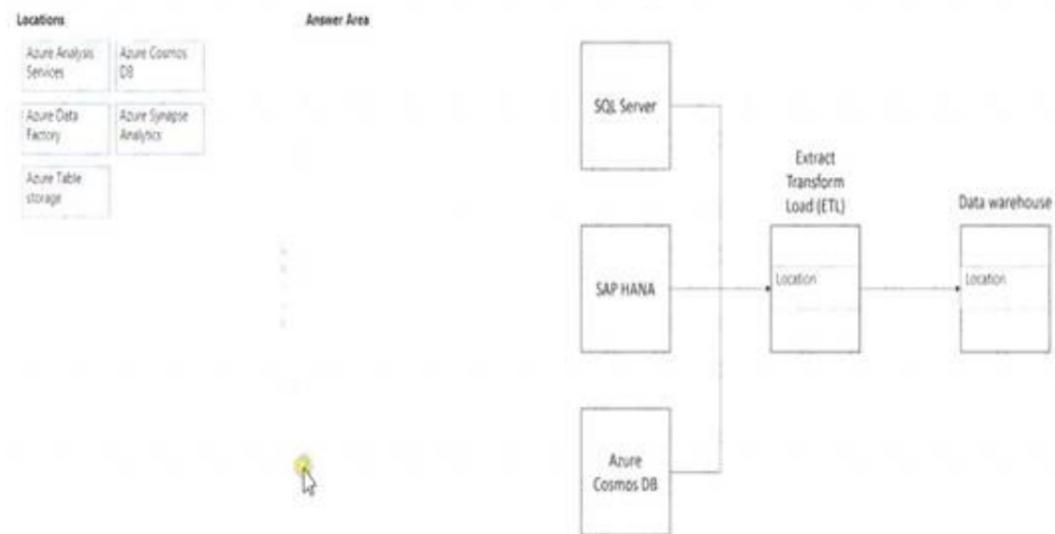
- A. a report page
- B. a Microsoft PowerPoint slide
- C. a visualization from a report
- D. a dataflow
- E. a text box

**Answer: ACE**

**NEW QUESTION 107**

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.

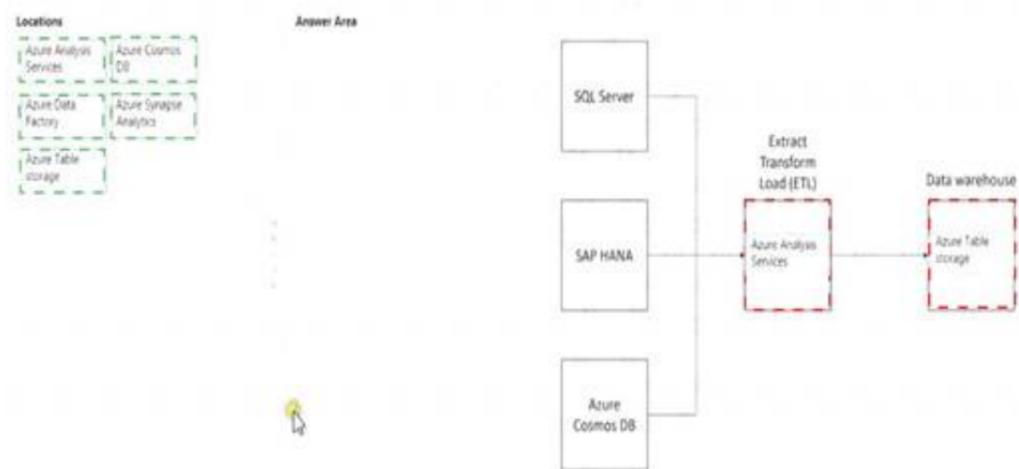
NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



**NEW QUESTION 112**

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

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

Answer: B

**NEW QUESTION 113**

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: B

**NEW QUESTION 115**

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

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

Which type of data store should you use?

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

**Answer: D**

**NEW QUESTION 118**

What is a benefit of the Azure Cosmos DB Table API as compared to Azure Table storage?

- A. supports partitioning
- B. provides resiliency if an Azure region fails
- C. provides a higher storage capacity
- D. supports a multi-master model

**Answer: B**

**NEW QUESTION 122**

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,

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

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

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)
```

**NEW QUESTION 126**

You have an Azure SQL database that you access directly from the internet. You recently changed your external IP address. After changing the IP address, you can no longer access the database. You can connect to other resources in Azure. What is a possible cause of the issue?

- A. a database-level firewall
- B. role-based access control (RBAC)
- C. Dynamic Host Configuration Protocol (DHCP)
- D. Domain Name Service (DNS)

**Answer: D**

**NEW QUESTION 128**

You need to create an Azure Storage account.

Data in the account must replica outside the Azure region automatically.  
Which two types of replica can you us for the storage account? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one pint.

- A. read-access geo-redundant storage (RA\_GRS)
- B. zone-redundant storage (ZRS)
- C. geo-redundant storage (GRS)
- D. locally-redundant storage (LRS)

**Answer:** AC

**NEW QUESTION 133**

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. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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 135**

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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 136**

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    SalesDate, AVG(SalesAmount)

FROM sales

Value    SalesDate

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values

CREATE    GROUP BY    ORDER BY    SELECT

Answer Area

CREATE    SalesDate, AVG(SalesAmount)

FROM sales

SELECT    SalesDate

**NEW QUESTION 137**

You are deploying a software as a service (SaaS) application that requires a relational database for Online Transaction Processing (OLTP). Which Azure service should you use to support the application?

- A. Azure Cosmos D3
- B. Azure Synapse Analytics
- C. Azure HCMmtghi
- D. Azure SQL Database

Answer: B

**NEW QUESTION 142**

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 144**

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.   | <input type="radio"/> | <input type="radio"/> |
| A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.                       | <input type="radio"/> | <input type="radio"/> |
| A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

| Statements   | Yes                              | No                               |
|--|----------------------------------|----------------------------------|
| Processing salary payments once a month is an example of a batch workload.   | <input checked="" type="radio"/> | <input type="radio"/>            |
| A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.                       | <input checked="" type="radio"/> | <input type="radio"/>            |
| A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload. | <input type="radio"/>            | <input checked="" type="radio"/> |

NEW QUESTION 146

.....

## Thank You for Trying Our Product

\* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

\* One year free update

You can enjoy free update one year. 24x7 online support.

\* Trusted by Millions

We currently serve more than 30,000,000 customers.

\* Shop Securely

All transactions are protected by VeriSign!

**100% Pass Your DP-900 Exam with Our Prep Materials Via below:**

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