



# Microsoft

## Exam Questions DP-900

Microsoft Azure Data Fundamentals

#### NEW QUESTION 1

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 2

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. container
- B. item
- C. database
- D. partition

**Answer:** AC

#### NEW QUESTION 3

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 

	▼
cognitive	
descriptive	
predictive	
prescriptive	

 analytics.

#### NEW QUESTION 4

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 5

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 serveless
- D. Azure SQL Database elastic pod

**Answer:** B

#### NEW QUESTION 6

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

▼

A heap
A stored procedure
A view
An index

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

▼

A heap
A stored procedure
A view
An index

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

NEW QUESTION 7

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 8

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 9

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.

- 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

cognitive

descriptive

predictive

prescriptive

analytics.

NEW QUESTION 10

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 10

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.

Analytics Types

Cognitive

Descriptive

Diagnostic

Predictive

Prescriptive

Answer Area

Analytics Type

Why did sales increase last month?

Analytics Type

How do I allocate my budget to buy different inventory items?

Analytics Type

Which people are mentioned in a company's business documents?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Analytics Types

Cognitive

Descriptive

Diagnostic

Predictive

Prescriptive

Answer Area

Diagnostic

Why did sales increase last month?

Predictive

How do I allocate my budget to buy different inventory items?

Cognitive

Which people are mentioned in a company's business documents?

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.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 12

When provisioning an Azure Cosmos DB account, which feature provides redundancy within an Azure region?

- A. multi-master replication
- B. Availability Zones
- C. automatic failover

D. the strong consistency level

Answer: B

NEW QUESTION 14

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

- A. INSERT
- B. DISABLE
- C. ALTER
- D. DROP

Answer: C

NEW QUESTION 18

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 19

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

Batch processing can output data to a file store.

Batch processing can output data to a relational database.

Batch processing can output data to a NoSQL database.

Yes

No

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

Batch processing can output data to a file store.

Batch processing can output data to a relational database.

Batch processing can output data to a NoSQL database.

Yes

No

NEW QUESTION 21

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 22

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

Answer: D

NEW QUESTION 25

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

NEW QUESTION 29

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 34

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 37

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 38

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

Azure Service

Azure Service

Output data to Parquet format.

Store data that is in Parquet format.

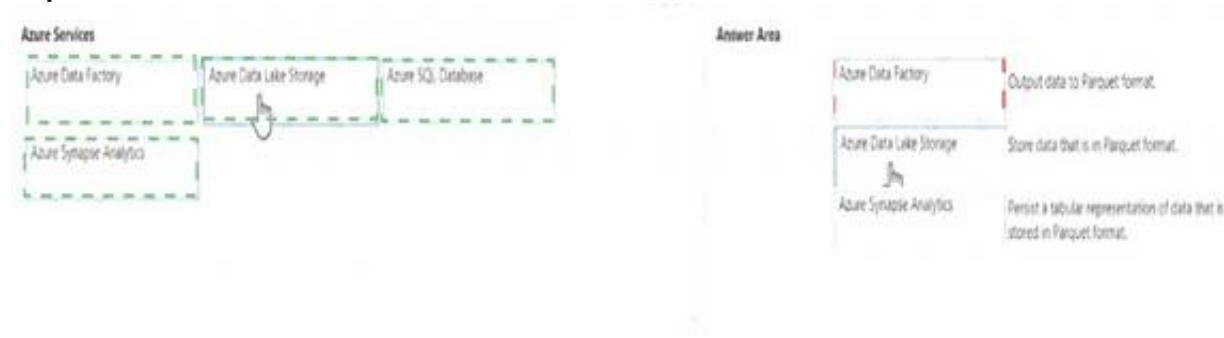
Persist a tabular representation of data that is stored in Parquet format.

- A. Mastered
- B. Not Mastered



**Answer:** A

**Explanation:**



#### NEW QUESTION 41

You need to develop a solution to provide data to executives. the solution must provide an interactive graphic interface, depict various key performance indications, and support data exploration by using drill down.

What should you use in Microsoft Power BI?

- A. a dashboard
- B. Microsoft Power Apps
- C. a dataflow
- D. a report

**Answer:** D

#### NEW QUESTION 43

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:** AC

#### NEW QUESTION 47

Your company is designing a database that will contain session data for a website. The data will include notifications, personalization attributes, and products that are added to a shopping cart.

Which type of data store will provide the lowest latency to retrieve the data?

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

**Answer:** C

#### NEW QUESTION 51

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

**Answer:** D

#### NEW QUESTION 55

At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

- A. database
- B. partition
- C. collection
- D. account

**Answer:** C

#### NEW QUESTION 60

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.	<input type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input checked="" type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>

#### NEW QUESTION 61

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 64

Your company is designing a data store for internet-connected temperature sensors. The collected data will be used to analyze temperature trends. Which type of data store should you use?

- A. relational  
B. columnar  
C. graph  
D. time series

**Answer:** A

#### NEW QUESTION 68

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:**



Answer Area

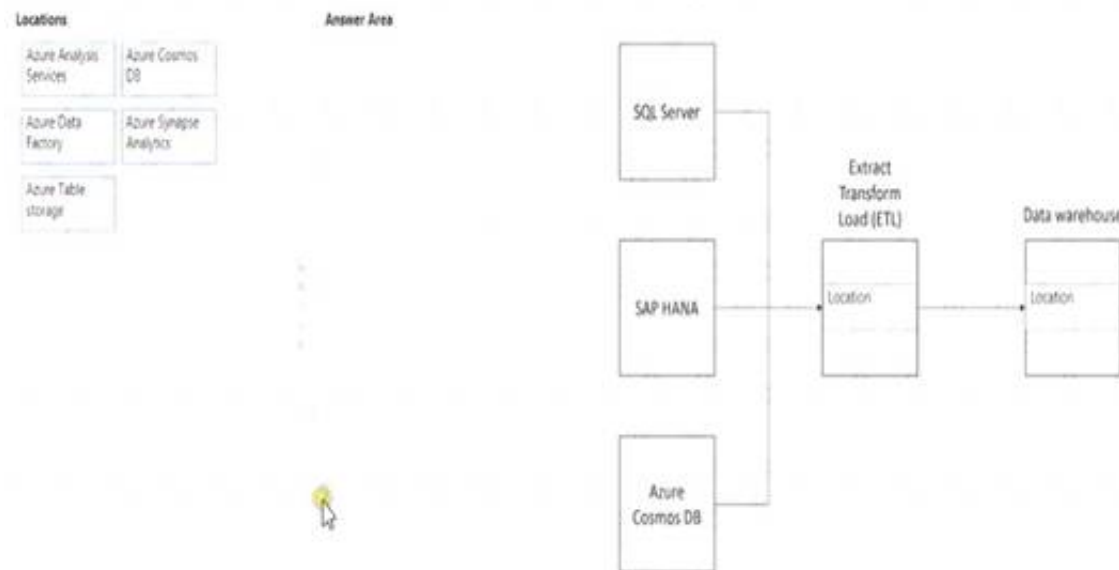
Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	<input checked="" type="radio"/>	<input type="radio"/>
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	<input type="radio"/>	<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 69

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.

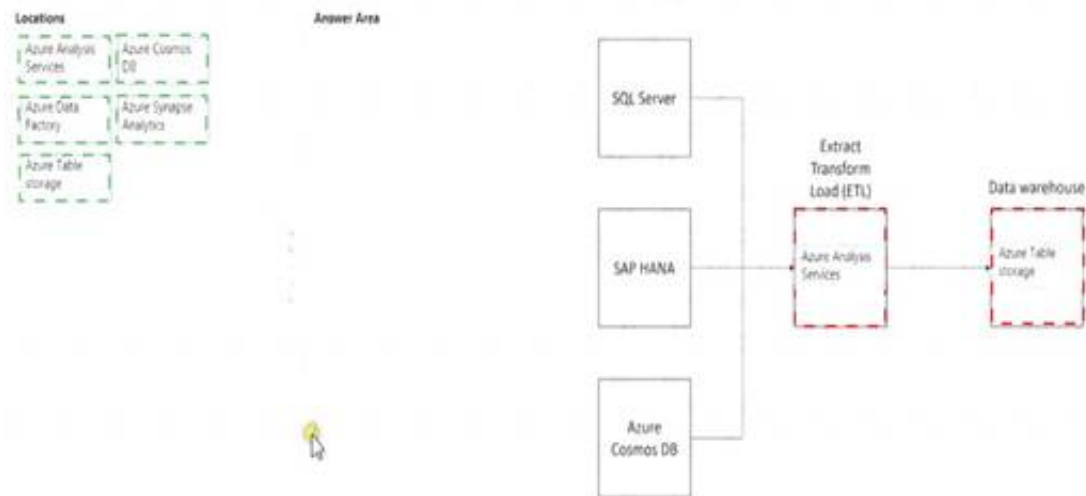
NOTE: Each correct match is worth one point.



- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 71

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: B

NEW QUESTION 73

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 74

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:** B

#### NEW QUESTION 78

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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 80

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 83

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 84

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

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

Answer: B

NEW QUESTION 86

Your company if designing an application that will write a high volume of JSON data and will have an application-defined schema. Which type of data store should you use?

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

Answer: A

NEW QUESTION 90

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.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input checked="" type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 94

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

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

NEW QUESTION 98

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 102

A team of developers has computers that run Windows 10 and Ubuntu Desktop. The developers need to connect to and query an Azure SQL database from the computers. The developers require code assistance features such as IntelliSense. What should the developers use?

- A. Azure Data Studio  
B. sqlcmd  
C. Microsoft SQL Server Management Studio (SSMS)  
D. Azure Data Explorer

**Answer:** B

#### NEW QUESTION 107

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

In Azure Data Factory, you can use 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

In Azure Data Factory, you can use 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

#### NEW QUESTION 108

.....

## About ExamBible

*[Your Partner of IT Exam](#)*

## Found in 1998

ExamBible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, ExamBible has its unique advantages that other companies could not achieve.

## Our Advances

### \* 99.9% Uptime

All examinations will be up to date.

### \* 24/7 Quality Support

We will provide service round the clock.

### \* 100% Pass Rate

Our guarantee that you will pass the exam.

### \* Unique Gurantee

If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!



#### NEW QUESTION 1

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 2

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. container
- B. item
- C. database
- D. partition

**Answer:** AC

#### NEW QUESTION 3

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 

	▼
cognitive	
descriptive	
predictive	
prescriptive	

 analytics.

#### NEW QUESTION 4

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 5

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 6

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

▼

A heap
A stored procedure
A view
An index

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

▼

A heap
A stored procedure
A view
An index

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

NEW QUESTION 7

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 8

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 9

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.

- 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

cognitive

descriptive

predictive

prescriptive

analytics.

NEW QUESTION 10

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 10

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.

Analytics Types

Cognitive

Descriptive

Diagnostic

Predictive

Prescriptive

Answer Area

Analytics Type

Why did sales increase last month?

Analytics Type

How do I allocate my budget to buy different inventory items?

Analytics Type

Which people are mentioned in a company's business documents?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Analytics Types

Cognitive

Descriptive

Diagnostic

Predictive

Prescriptive

Answer Area

Diagnostic

Why did sales increase last month?

Predictive

How do I allocate my budget to buy different inventory items?

Cognitive

Which people are mentioned in a company's business documents?

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.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 12

When provisioning an Azure Cosmos DB account, which feature provides redundancy within an Azure region?

- A. multi-master replication
- B. Availability Zones
- C. automatic failover

D. the strong consistency level

Answer: B

NEW QUESTION 14

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

- A. INSERT
- B. DISABLE
- C. ALTER
- D. DROP

Answer: C

NEW QUESTION 18

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Data Types

Image files

Key/value pairs

Relationships between employees

Answer Area

Image files

Key/value pairs

Relationships between employees

Azure Blob storage

Azure Cosmos DB Gremlin API

Azure Table storage

NEW QUESTION 19

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

Batch processing can output data to a file store.

Batch processing can output data to a relational database.

Batch processing can output data to a NoSQL database.

Yes

No

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

Batch processing can output data to a file store.

Batch processing can output data to a relational database.

Batch processing can output data to a NoSQL database.

Yes

No

NEW QUESTION 21

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 22

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

**Answer:** D

#### NEW QUESTION 25

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

#### NEW QUESTION 29

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 34

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 37

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 38

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



#### NEW QUESTION 41

You need to develop a solution to provide data to executives. the solution must provide an interactive graphic interface, depict various key performance indications, and support data exploration by using drill down.

What should you use in Microsoft Power BI?

- A. a dashboard
- B. Microsoft Power Apps
- C. a dataflow
- D. a report

**Answer:** D

#### NEW QUESTION 43

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:** AC

#### NEW QUESTION 47

Your company is designing a database that will contain session data for a website. The data will include notifications, personalization attributes, and products that are added to a shopping cart.

Which type of data store will provide the lowest latency to retrieve the data?

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

**Answer:** C

#### NEW QUESTION 51

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

**Answer:** D

#### NEW QUESTION 55

At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

- A. database
- B. partition
- C. collection
- D. account

**Answer:** C

#### NEW QUESTION 60

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.	<input type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input checked="" type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>

#### NEW QUESTION 61

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 64

Your company is designing a data store for internet-connected temperature sensors. The collected data will be used to analyze temperature trends. Which type of data store should you use?

- A. relational  
B. columnar  
C. graph  
D. time series

**Answer:** A

#### NEW QUESTION 68

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:**

Answer Area

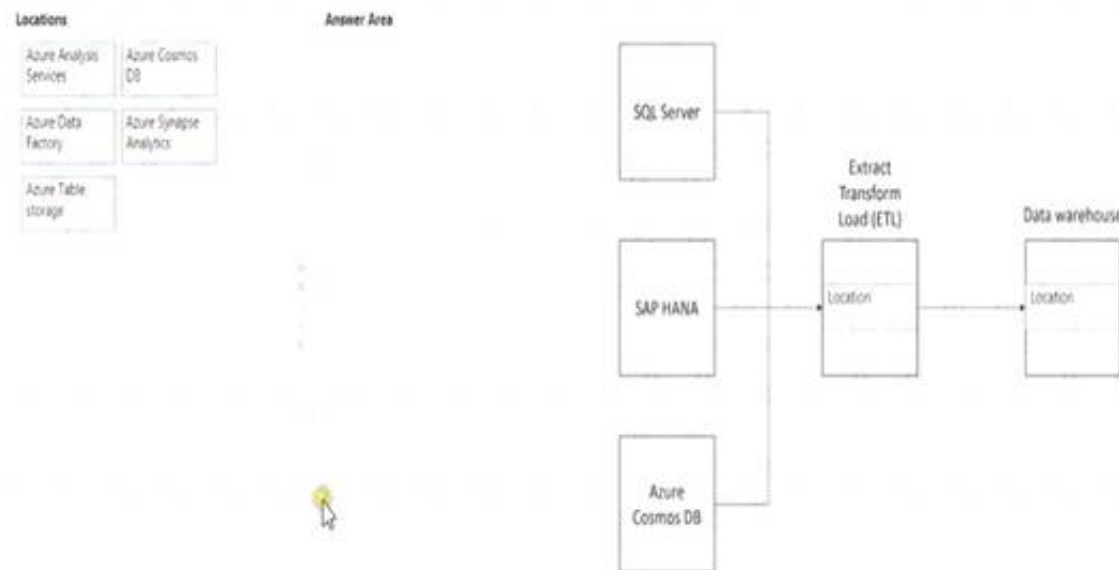
Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	<input checked="" type="radio"/>	<input type="radio"/>
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	<input type="radio"/>	<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 69

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.

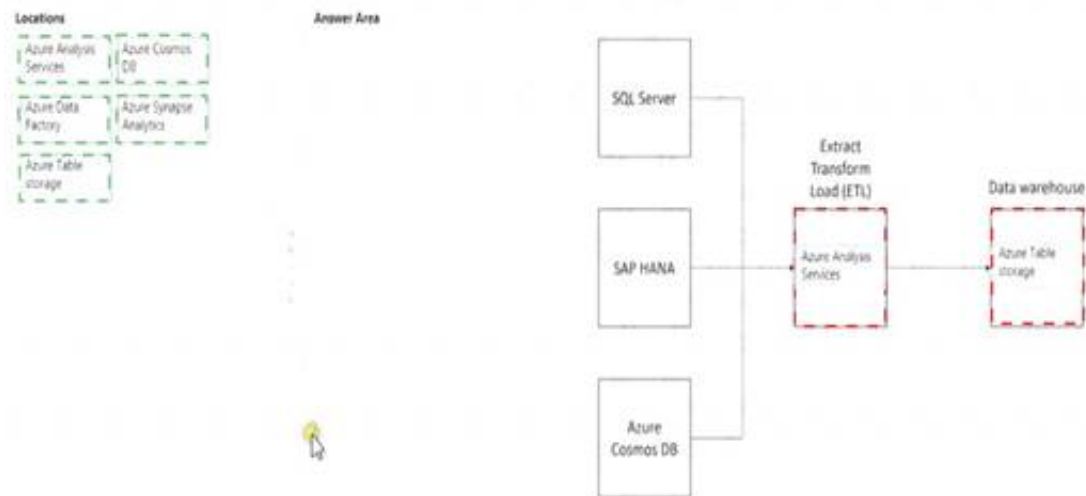
NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 71

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: B

NEW QUESTION 73

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 74

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: B

NEW QUESTION 78

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 80

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 83

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 84

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

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

Answer: B

NEW QUESTION 86

Your company if designing an application that will write a high volume of JSON data and will have an application-defined schema. Which type of data store should you use?

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

Answer: A

NEW QUESTION 90

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.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input checked="" type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 94

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

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

NEW QUESTION 98

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 102

A team of developers has computers that run Windows 10 and Ubuntu Desktop. The developers need to connect to and query an Azure SQL database from the computers. The developers require code assistance features such as IntelliSense. What should the developers use?

- A. Azure Data Studio  
B. sqlcmd  
C. Microsoft SQL Server Management Studio (SSMS)  
D. Azure Data Explorer

**Answer:** B

#### NEW QUESTION 107

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

In Azure Data Factory, you can use 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

In Azure Data Factory, you can use 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

#### NEW QUESTION 108

.....



## Relate Links

**100% Pass Your DP-900 Exam with ExamBible Prep Materials**

<https://www.exambible.com/DP-900-exam/>

## Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - <https://www.exambible.com/>