

> Vendor: Microsoft

> Exam Code: DP-900

#### **Exam Name: Microsoft Azure Data Fundamentals**

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#### **QUESTION 219**

Which Azure Cosmos DB API should you use for a graph database?

- A. Table
- B. Cassandra
- C. Core (SQL)
- D. Gremlin

Answer: D

#### **QUESTION 220**

**Hotspot Question** 

Select the answer that correctly completes the sentence.

Answer Area

Answer:



#### **QUESTION 221**

In Azure Table storage, each row in a table must be uniquely identified by which two components? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. a partition key
- B. a range
- C. a row key
- D. a timestamp

Answer: AC

## **QUESTION 222**

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

- A. GRANT
- B. INSERT
- C. REVOKE
- D. DROP

Answer: B

#### **QUESTION 223**

In a fully normalized database, how is data read and written for a single entity?

- A. Data is read from multiple tables and written to multiple tables.
- B. Data is read from a single table and written to a single table.
- C. Data is read from a single table and written to multiple tables.
- D. Data is read from multiple tables and written to a single table.

Answer: B

### **QUESTION 224**

**Hotspot Question** 

Select the answer that correctly completes the sentence.

XML-formatted files are examples of



Answer:



XML-formatted files are examples of

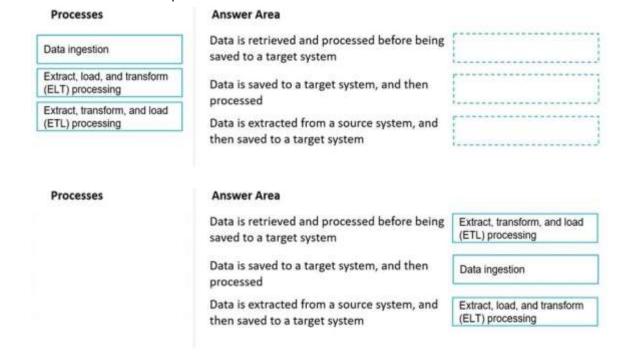


#### **QUESTION 225**

**Drag and Drop Question** 

Match the processes to the appropriate scenarios.

To answer, drag the appropriate process from the column on the left to its scenario on the right. Each process may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.



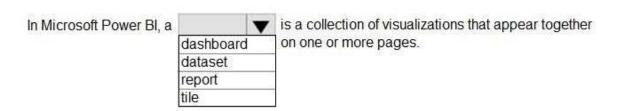
#### **QUESTION 226**

Answer:

**Hotspot Question** 

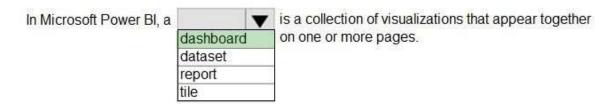
Select the answer that correctly completes the sentence.

#### **Answer Area**



#### Answer:

#### **Answer Area**



#### Explanation:

A Power BI dashboard is a single page, often called a canvas, that tells a story through visualizations. Because it's limited to one page, a well-designed dashboard contains only the highlights of that story. Readers can view related reports for the details. Reference:

https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboards

#### **QUESTION 227**

You have data saved in the following format.

FirstName, LastName, Age, LeisureHobby, SportsHobby John, Smith, 23, Reading, Backteball Ben, Smith, 21, Guitar Curling

Which format was used?

- A. YAML
- B. CSV
- C. JSON
- D. HTML

## Answer: A

#### **QUESTION 228**

A bank has a system that manages financial transactions.

When transferring money between accounts, the system must never retrieve a value for the source account that reflects the balance before the transfer and a value for the destination account that reflects the balance after the transfer.

Of which ACID semantic is this an example?

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Α.	atom	icity
۸.	atom	iiCity

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

Answer: A

#### **QUESTION 229**

**Hotspot Question** 

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

		Statements	Yes	No
		Azure Data Lake storage can be used as a staging area for ingested data before the data is converted into a format suitable for performing analytics.	0	0
		Azure Data Factory is an analytics engine that uses a massively parallel processing (MPP) architecture.	0	0
		Azure HDInsight enables you to build tabular models from multiple data sources to support online analytical processing (OLAP) queries.	0	0
Answer:				
	Answer Area			
		Statements	Yes	No
		Azure Data Lake storage can be used as a staging area for ingested data before the data is converted into a format suitable for performing analytics.	0	0
		Azure Data Factory is an analytics engine that uses a massively parallel processing (MPP) architecture.	0	O
		Azure HDInsight enables you to build tabular models from multiple data sources to support online analytical processing (OLAP) queries.	0	0

#### **QUESTION 230**

**Hotspot Question** 

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
In a transactional database that guarantees atomicity, all statements in a transaction must complete successfully or the transaction must roll back.	0	0
In a transactional database that guarantees consistency, all data changes will be logged and accounted for.	0	0
In a transactional database that guarantees isolation, processes can see only data in a consistent state.	0	0
Answer Area		
Statements	Yes	No
Statements  In a transactional database that guarantees atomicity, all statements in a transaction must complete successfully or the transaction must roll back.	Yes	No
In a transactional database that guarantees atomicity, all statements in a		

# **QUESTION 231**

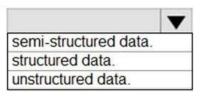
Answer:

Hotspot Question

Select the answer that correctly completes the sentence.

## **Answer Area**

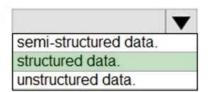
Social media users and followers in a graph database is an example of



Answer:

#### **Answer Area**

Social media users and followers in a graph database is an example of



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#### **QUESTION 232**

Which Azure Storage service implements the key/value model?

- A. Azure Queue
- B. Azure Files
- C. Azure Table
- D. Azure Blob

Answer: C

#### **QUESTION 233**

What can be used with native notebook support to query and visualize data by using a web-based interface?

- A. Azure Databricks
- B. pgAdmin
- C. Microsoft Power BI

Answer: A