| Analytics Types | Answer Area  |   |
|-----------------|--------------|---|
| Cognitive       | Diagnostic   | Why did sales increase last month?                            |
| Diagnostic      | Prescriptive | How do I allocate my budget to buy different inventory items? |
| Descriptive     | Cognitive    | Which people are mentioned in a company's business documents? |
| Predictive      |              |   |
| Prescriptive    |              |   |

#### QUESTION 71 HOTSPOT

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

|                 | The massively parallel proces | sing (MPP) engine  |
|-----------------|-------------------------------|--|
|                 | of Azure Synapse Analytics    | distributes processing across compute nodes.<br>distributes processing across control nodes.<br>redirects client connections across compute nodes.<br>redirects client connections across control nodes. |
|                 |                               |  |
| Correct Answer: |                               |  |
| Answer Area     |                               |  |
|                 | The massively parallel proces | sing (MPP) engine  |
|                 | of Azure Synapse Analytics    | distributes processing across compute nodes.<br>distributes processing across compute nodes.<br>redirects client connections across compute nodes.   |

**QUESTION 72** DRAG DROP Match the Azure services to the appropriate requirements.

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

NOTE: Each correct match is worth one point.

| Services  | Answer Area |  |
|---|-------------|--|
| Azure Data Factory                                    | ]           | _  |
| Azure Data Lake Storage                               | Service     | Output data to Parquet format                    |
| Azure SQL Database                                    | Service     | Store data that is in Parquet format             |
| Azure SQL Database                                    |             | Persist a tabular representation of data that is |
|   | Service     | stored in Parquet format                         |
| Azure Synapse Analytics<br>orrect Answer:<br>Services | Answer Area |  |
| orrect Answer:<br>Services                            | Answer Area |  |
| orrect Answer:  | Answer Area | Output data to Parquet format                    |
| orrect Answer:<br>Services                            |             |  |
| orrect Answer:<br>Services<br>Azure Data Factory      |             |  |

### **QUESTION 73**

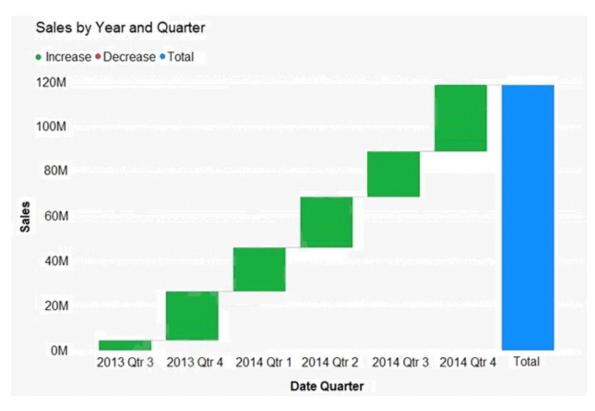
Which Azure SQL offering supports automatic database scaling and automatic pausing of the database during inactive periods?

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

### Correct Answer: B

### **QUESTION 74**

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



What should you create in Power BI Desktop?

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

#### Correct Answer: A

### **QUESTION 75**

DRAG DROP Match the types of data stores to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

| Data Store Types | Answer Area  |          |
|------------------|--|----------|
| Graph            | Application users and their default language         |          |
| Object           | Medical images and their associated metadata         |          |
| Key/value        | Employee data that shows the relationships between e | mployees |

### **Correct Answer:**

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| Data Store Types | Answer Area |  |
|------------------|-------------|--|
| Graph            | Key/value   | Application users and their default language                 |
| Object           | Object      | Medical images and their associated metadata                 |
| Key/value        | Graph       | Employee data that shows the relationships between employees |

### **QUESTION 76**

You need to modify a view in a relational database by adding a new column. Which statement should you use?

- A. MERGE
- B. ALTER
- C. INSERT
- D. UPDATE

Correct Answer: B

### **QUESTION 77**

HOTSPOT

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

NOTE: Each correct selection is worth one point.

| Statements  | Yes | No  |
|---|-----|-----|
| Azure Databricks is an Apache Spark-based collaborative analytics platform. | 0   | 0   |
| Azure Analysis Services is used for transactional workloads.                | 0   | 0   |
| Azure Data Factory orchestrates data integration workflows.                 | 0   | 0   |
| Correct Answer:   |     |     |
| Statements  | Yes | No  |
| Azure Databricks is an Apache Spark-based collaborative analytics platform. | 10  | 0   |
| Azure Analysis Services is used for transactional workloads.                | 0   | [0] |
| Azure Data Factory orchestrates data integration workflows.                 |     | 0   |

### **QUESTION 78**

HOTSPOT You plan to deploy a PostgreSQL database to Azure.

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

NOTE: Each correct selection is worth one point.

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| PostgreSQL on Azure VMs:                 |                                    | * |
|--|------------------------------------|---|
|  | Infrastructure as a service (laaS) |   |
|  | Platform as a service (PaaS)       |   |
|  | Software as a service (SaaS)       |   |
| zure Database for PostgreSQL:            |                                    | * |
| 없는 것 않는 것 같은 것 같은 것 같이 많이 없는 것 같이 많이 했다. | Infrastructure as a service (laaS) |   |
|  | Platform as a service (PaaS)       |   |
|  | Software as a service (SaaS)       |   |

#### **Correct Answer:**

PostgreSQL on Azure VMs:

|   | Infrastructure as a service (laaS) |  |
|---|------------------------------------|--|
|   | Platform as a service (PaaS)       |  |
| ī | Software as a service (SaaS)       |  |

Infrastructure as a service (IaaS) Platform as a service (PaaS) <sup>|</sup> Software as a service (SaaS)

Azure Database for PostgreSQL:

### HOTSPOT

Select the answer that correctly completes the sentence.

| Answer Area                               | Select a capture mode                                       |
|---|---|
| When provisioning an Azure Cosmos DB      | , you need to specify which type of API you will use.       |
| Correct Answer:                           |   |
| Answer Area                               | Select a capture mode                                       |
| When provisioning an Azure Cosmos DB acco | unt 🔹 , you need to specify which type of API you will use. |

### **QUESTION 80**

HOTSPOT

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

| An extract | load, a | and transp | form(EL | T) process |
|------------|---------|------------|---------|------------|
|------------|---------|------------|---------|------------|

requires

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

### **Correct Answer:**

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