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> Vendor: Microsoft

> Exam Code: DP-201

> Exam Name: Implementing an Azure Data Solution

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QUESTION 148

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure SQL database that has columns. The columns contain sensitive Personally Identifiable Information (PII) data.

You need to design a solution that tracks and stores all the queries executed against the PII data. You must be able to review the data in Azure Monitor, and the data must be available for at least 45 days.

Solution: You execute a daily stored procedure that retrieves queries from Query Store, looks up the column classifications, and stores the results in a new table in the database.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

Explanation:

Instead add classifications to the columns that contain sensitive data and turn on Auditing.

Note: Auditing has been enhanced to log sensitivity classifications or labels of the actual data that were returned by the query. This would enable you to gain insights on who is accessing sensitive data.

Reference:

https://azure.microsoft.com/en-us/blog/announcing-public-preview-of-data-discovery-classification-for-microsoft-azure-sql-data-warehouse/

QUESTION 149

Hotspot Question

You plan to create a real-time monitoring app that alerts users when a device travels more than 200 meters away from a designated location.

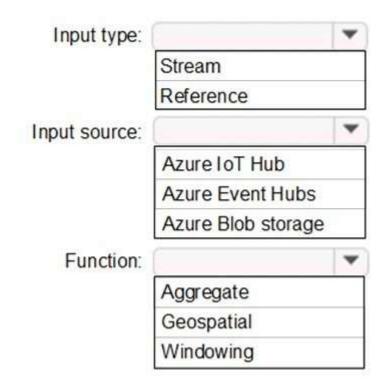
You need to design an Azure Stream Analytics job to process the data for the planned app. The solution must minimize the amount of code developed and the number of technologies used.

What should you include in the Stream Analytics job? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

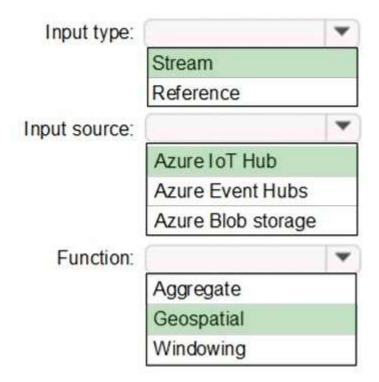
Answer Area





Correct Answer:

Answer Area



Section: (none) Explanation

Explanation/Reference:

Explanation:

Input type: Stream

You can process real-time IoT data streams with Azure Stream Analytics.

Input source: Azure IoT Hub

In a real-world scenario, you could have hundreds of these sensors generating events as a stream. Ideally, a gateway device would run code to push these events to Azure Event Hubs or Azure IoT Hubs.

Function: Geospatial

With built-in geospatial functions, you can use Azure Stream Analytics to build applications for scenarios such as fleet management, ride sharing, connected cars, and asset tracking.

Reference:

https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-get-started-with-azure-stream-analytics-to-process-data-from-iot-devices https://docs.microsoft.com/en-us/azure/stream-analytics/geospatial-scenarios

QUESTION 150

Hotspot Question

The following code segment is used to create an Azure Databricks cluster.

```
"num_workers": null,
 "autoscale": {
     "min_workers": 2,
     "max workers": 8
 },
 "cluster_name": "MyCluster",
 "spark_version": "latest-stable-scala2.11",
 "spark_conf": {
     "spark.databricks.cluster.profile": "serverless",
     "spark.databricks.repl.allowedLanguages": "sql,python,r"
 "node_type_id": "Standard_DS13_v2",
 "ssh_public_keys": [],
 "custom_tags": {
     "ResourceClass": "Serverless"
 },
 "spark_env_vars": {
     "PYSPARK_PYTHON": "/databricks/python3/bin/python3"
    "autotermination_minutes": 90,
    "enable elastic disk": true,
    "init scripts": []
}
```

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



NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The Databricks cluster supports multiple concurrent users.	0	0
The Databricks cluster minimizes costs when running scheduled jobs that execute notebooks.	0	0
The Databricks cluster supports the creation of a Delt Lake table.	a O	0

Correct Answer:

Answer Area

Statements	Yes	No	
The Databricks cluster supports multiple concurrent users.	0	0	
The Databricks cluster minimizes costs when running scheduled jobs that execute notebooks.	0	0	
The Databricks cluster supports the creation of a Delt Lake table.	a O	0	

Section: (none) Explanation

Explanation/Reference:

Explanation: Box 1: Yes Box 2: No

autotermination_minutes: Automatically terminates the cluster after it is inactive for this time in minutes. If not set, this cluster will not be automatically terminated. If specified, the threshold must be between 10 and 10000 minutes. You can also set this value to 0 to explicitly disable automatic termination. Box 3: Yes

References:

https://docs.databricks.com/dev-tools/api/latest/clusters.html