

Quiz DP-700 - Implementing Data Engineering Solutions Using Microsoft Fabric Useful Exam Sims



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One of the key factors for passing the exam is practice. Candidates must use Microsoft DP-700 practice test material to be able to perform at their best on the real exam. This is why Exams4Collection has developed three formats to assist candidates in their Microsoft DP-700 Preparation. These formats include desktop-based Microsoft DP-700 practice test software, web-based practice test, and a PDF format.

Microsoft DP-700 Exam Syllabus Topics:

Topic	Details
Topic 1	• Monitor and optimize an analytics solution: This section of the exam measures the skills of Data Analysts in monitoring various components of analytics solutions in Microsoft Fabric. It focuses on tracking data ingestion, transformation processes, and semantic model refreshes while configuring alerts for error resolution. One skill to be measured is identifying performance bottlenecks in analytics workflows.
Topic 2	• Implement and manage an analytics solution: This section of the exam measures the skills of Microsoft Data Analysts regarding configuring various workspace settings in Microsoft Fabric. It focuses on setting up Microsoft Fabric workspaces, including Spark and domain workspace configurations, as well as implementing lifecycle management and version control. One skill to be measured is creating deployment pipelines for analytics solutions.

Topic 3	• Ingest and transform data: This section of the exam measures the skills of Data Engineers that cover designing and implementing data loading patterns. It emphasizes preparing data for loading into dimensional models, handling batch and streaming data ingestion, and transforming data using various methods. A skill to be measured is applying appropriate transformation techniques to ensure data quality.
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Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric Sample Questions (Q101-Q106):

NEW QUESTION # 101

You need to recommend a Fabric streaming solution that will use the sources shown in the following table.

Name	Message size	Description
Source1	10 MB	Contains semi-structured data that has a bigint column in the messages
Source2	25 MB	Contains structured data that has 19 columns
Source3	5 MB	Contains unstructured data that has images in the messages

The solution must minimize development effort.

What should you include in the recommendation for each source? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Source1:

- Apache Spark Structured Streaming
- An eventstream
- A data pipeline
- A streaming dataflow**
- An eventstream

Source2:

- Apache Spark Structured Streaming
- An eventstream
- A data pipeline**
- A streaming dataflow

Source3:

- Apache Spark Structured Streaming
- An eventstream**
- A data pipeline
- A streaming dataflow

Answer:

Explanation:

Source1:
 Apache Spark Structured Streaming
 An eventstream
 A data pipeline
 A streaming dataflow
 An eventstream

Source2:
 Apache Spark Structured Streaming
 An eventstream
 A data pipeline
 A streaming dataflow

Source3:
 Apache Spark Structured Streaming
 An eventstream
 A data pipeline
 A streaming dataflow

NEW QUESTION # 102

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 a KQL database that contains two tables named Stream and Reference. Stream contains streaming data in the following format.

Column name	Data type
Timestamp	Datetime
GeoLocation	Dynamic
Temperature	Decimal
DeviceId	Int

Reference contains reference data in the following format.

Column name	Data type
DeviceId	Int
DeviceName	String

Both tables contain millions of rows.

You have the following KQL queryset.

```
01 Stream
02 | extend lat = todecimal(GeoLocation.Latitude), long = todecimal(GeoLocation.Longitude)
03 | join kind=inner Reference on DeviceId
04 | project Timestamp, lat, long, Temperature, DeviceName
05 | filter Temperature >= 10
06 | render scatterchart with (kind = map)
```

You need to reduce how long it takes to run the KQL queryset.

Solution: You change project to extend.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Using extend retains all columns in the table, potentially increasing the size of the output unnecessarily. project is more efficient because it selects only the required columns.

NEW QUESTION # 103

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.

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05 | filter Temperature >= 10
06 | render scatterchart with (kind = map)
```

You need to reduce how long it takes to run the KQL queryset.

Solution: You move the filter to line 02.

Does this meet the goal?

- A. No
- B. Yes

Answer: B

Explanation:

Moving the filter to line 02: Filtering the Stream table before performing the join operation reduces the number of rows that need to be processed during the join. This is an effective optimization technique for queries involving large datasets.

NEW QUESTION # 104

You have a Fabric workspace that contains a warehouse named Warehouse1. Warehouse1 contains a table named Customer. Customer contains the following data.

CustomerID	FirstName	LastName	Phone	CreditCard
1	John	Doe	555-123-4567	1234567812345670
2	Jane	Smith	555-987-6543	8765432187654320
3	Michael	Johnson	555-555-5555	1234987654321230
4	Emily	Davis	555-222-3333	4321123456789870
5	David	Brown	555-444-5555	5678123498761230

You have an internal Microsoft Entra user named User1 that has an email address of user1@contoso.com.

You need to provide User1 with access to the Customer table. The solution must prevent User1 from accessing the CreditCard

column.

How should you complete the statement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

GRANT

SELECT
ALTER
EXECUTE
READ
SELECT
VIEW

Customers(CustomerID, FirstName, LastName, Phone)

TO

[user1@contoso.com]
User1
[User1]
[user1@contoso.com]

Answer:

Explanation:

Answer Area

GRANT

SELECT
ALTER
EXECUTE
READ
SELECT
VIEW

Customers(CustomerID, FirstName, LastName, Phone)

TO

[user1@contoso.com]
User1
[User1]
[user1@contoso.com]

NEW QUESTION # 105

You have a Fabric workspace named Workspacel that contains the following items:

- * A Microsoft Power BI report named Report1
- * A Power BI dashboard named Dashboard1
- * A semantic model named Modell
- * A lakehouse name Lakehouse1

Your company requires that specific governance processes be implemented for the items. Which items can you endorse in Fabric?

- A. Lakehouse1, Modell, Report1 and Dashboard1
- B. Lakehouse1, Modell, and Report1 only
- C. Lakehouse1, Modell, and Dashboard1 only
- D. Report1 and Dashboard1 only
- E. Modell, Report1, and Dashboard1 only

Answer: A

NEW QUESTION # 106

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