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Undoubtedly, passing the Microsoft DP-700 Certification Exam is one big achievement. Regardless of how tough the Implementing Data Engineering Solutions Using Microsoft Fabric (DP-700) exam is, it serves an important purpose of improving your skills and knowledge of a specific field. Once you become certified by Microsoft, a whole new career scope will open up to you.

>> DP-700 Best Study Material <<

100% Pass Your Implementing Data Engineering Solutions Using Microsoft Fabric DP-700 at First Attempt with Actual4dump

In today's society, everyone wants to find a good job and gain a higher social status. As we all know, the internationally recognized DP-700 certification means that you have a good grasp of knowledge of certain areas and it can demonstrate your ability. This is a fair principle. But obtaining this DP-700 certificate is not an easy task, especially for those who are busy every day. However, if you use our DP-700 Exam Torrent, we will provide you with a comprehensive service to overcome your difficulties and effectively improve your ability. If you can take the time to learn about our DP-700 quiz prep, I believe you will be interested in our products. Our learning materials are practically tested, choosing our DP-700 exam guide, you will get unexpected surprise.

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	• 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.
Topic 3	• 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.

Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric Sample Questions (Q74-Q79):

NEW QUESTION # 74

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 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 # 75

You have a Fabric .

In Warehouse1, you create a table named DimCustomer by running the following statement.

```
CREATE TABLE dbo.DimCustomer
(
    CustomerKey VARCHAR(255) NOT NULL,
    Name VARCHAR(255) NOT NULL,
    Email VARCHAR(255) NOT NULL
);
```

You need to set the Customerkey column as a primary key of the DimCustomer table.

Which three code segments should you run in sequence? To answer, move the appropriate code segments from the list of code segments to the answer area and arrange them in the correct order.

Code Segments	Answer Area
DROP CONSTRAINT PK_DimCustomer	
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY NONCLUSTERED (CustomerKey)	
NOT ENFORCED	
ALTER TABLE dbo.DimCustomer	
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)	
ENFORCED	

Answer:

Explanation:

Code Segments	Answer Area
DROP CONSTRAINT PK_DimCustomer	ALTER TABLE dbo.DimCustomer ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey) ENFORCED
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY NONCLUSTERED (CustomerKey)	
NOT ENFORCED	
ALTER TABLE dbo.DimCustomer	
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)	
ENFORCED	

Explanation:

Code Segments	Answer Area
DROP CONSTRAINT PK_DimCustomer	ALTER TABLE dbo.DimCustomer ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey) ENFORCED
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY NONCLUSTERED (CustomerKey)	
NOT ENFORCED	
ALTER TABLE dbo.DimCustomer	
ADD CONSTRAINT PK_DimCustomer PRIMARY KEY CLUSTERED (CustomerKey)	
ENFORCED	

NEW QUESTION # 76

HOTSPOT

You have a Fabric workspace that contains an eventstream named EventStream1.

You discover that an EventStream1 transformation fails.

You need to find the following error information:

The error details, including the occurrence time

The total number of errors

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Microsoft

To find the error details:

	▼
Data insights	
Data preview	
Details	
Runtime logs	

To find the total number of errors:

	▼
Data insights	
Data preview	
Details	
Runtime logs	

Answer:

Explanation:

Answer Area

To find the error details:

	▼
Data insights	
Data preview	
Details	
Runtime logs	

To find the total number of errors:

	▼
Data insights	
Data preview	
Details	
Runtime logs	

Explanation:

Answer Area

To find the error details:

Data insights
Data preview
Details
Runtime logs

To find the total number of errors:

Data insights
Data preview
Details
Runtime logs

NEW QUESTION # 77

You are building a Fabric notebook named MasterNotebook1 in a workspace. MasterNotebook1 contains the following code.

```

DAG = {
  "activities": [
    {
      "name": "execute_notebook_1",
      "path": "notebook_01",
      "timeoutPerCellInSeconds": 600,
      "args": {
        "input_value": "999"
      },
      "retry": 1,
      "retryIntervalInSeconds": 30
    },
    {
      "name": "execute_notebook_2",
      "path": "notebook_02",
      "timeoutPerCellInSeconds": 400,
      "args": {
        "input_value": "888"
      },
      "retry": 1,
      "retryIntervalInSeconds": 30
    },
    {
      "name": "execute_notebook_3",
      "path": "notebook_03",
      "timeoutPerCellInSeconds": 600,
      "args": {
        "input_value": "777"
      },
      "retry": 1,
      "retryIntervalInSeconds": 30
    }
  ],
  "timeoutInSeconds": 43200,
  "concurrency": 0
}

```

You need to ensure that the notebooks are executed in the following sequence:

1. Notebook_03
2. Notebook_01
3. Notebook_02

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add dependencies to the execution of Notebook_03.
- B. Split the Directed Acyclic Graph (DAG) definition into three separate definitions.
- C. Move the declaration of Notebook_03 to the top of the Directed Acyclic Graph (DAG) definition.
- D. Add dependencies to the execution of Notebook_02.
- E. Move the declaration of Notebook_02 to the bottom of the Directed Acyclic Graph (DAG) definition.
- F. Change the concurrency to 3.

Answer: C,D

NEW QUESTION # 78

You have a Fabric workspace that contains a lakehouse and a notebook named Notebook1. Notebook1 reads data into a DataFrame from a table named Table1 and applies transformation logic. The data from the DataFrame is then written to a new Delta table named Table2 by using a merge operation.

You need to consolidate the underlying Parquet files in Table1. Which command should you run?

- A. CACHE
- B. BROADCAST
- C. VACUUM
- **D. OPTIMIZE**

Answer: D

Explanation:

To consolidate the underlying Parquet files in Table1 and improve query performance by optimizing the data layout, you should use the OPTIMIZE command in Delta Lake. The OPTIMIZE command coalesces smaller files into larger ones and reorganizes the data for more efficient reads. This is particularly useful when working with large datasets in Delta tables, as it helps reduce the number of files and improves performance for subsequent queries or operations like MERGE.

NEW QUESTION # 79

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