

DP-700試験の準備方法 | 権威のあるDP-700試験合格 攻略試験 | 真実的なImplementing Data Engineering Solutions Using Microsoft Fabric試験



BONUS!!! CertShiken DP-700ダンプの一部を無料でダウンロード: <https://drive.google.com/open?id=1fzKH6r8zT3g91eU4k79qh2k5Jjl-Gyk2>

何事でもはじめが一番難しいです。MicrosoftのDP-700試験への復習に悩んでいますか。弊社の試験のためのソフトを買うのはあなたの必要の第一歩です。弊社の提供したのはあなたがほしいのだけではなく、試験のためにあなたの必要があるのです。あなたは決められないかもしれませんが、MicrosoftのDP-700のデモをダウンロードしてください。やってみて第一歩を進める勇気があります。

Microsoft DP-700 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none">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.
トピック 2	<ul style="list-style-type: none">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.
トピック 3	<ul style="list-style-type: none">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.

素敵なDP-700試験合格攻略 & 資格試験のリーダー & ユニークDP-700試験

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Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric 認定 DP-700 試験問題 (Q13-Q18):

質問 # 13

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.

Reference contains reference data in the following format.

Both tables contain millions of rows.

You have the following KQL queryset.

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

Solution: You change the join type to kind=outer.

Does this meet the goal?

- A. No
- B. Yes

正解: A

解説:

An outer join will include unmatched rows from both tables, increasing the dataset size and processing time.

It does not improve query performance.

質問 # 14

You need to ensure that the authors can see only their respective sales data.

How should you complete the statement? To answer, drag the appropriate values the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content NOTE: Each correct selection is worth one point.

正解:

解説:

質問 # 15

You have two Fabric notebooks named Load_Salesperson and Load_Orders that read data from Parquet files in a lakehouse.

Load_Salesperson writes to a Delta table named dim_salesperson. Load.Orders writes to a Delta table named fact_orders and is dependent on the successful execution of Load_Salesperson.

You need to implement a pattern to dynamically execute Load_Salesperson and Load_Orders in the appropriate order by using a notebook.

How should you complete the code? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

正解:

解説:

質問 # 16

You have a Fabric F32 capacity that contains a workspace. The workspace contains a warehouse named DW1 that is modelled by using MD5 hash surrogate keys.

DW1 contains a single fact table that has grown from 200 million rows to 500 million rows during the past year.

You have Microsoft Power BI reports that are based on Direct Lake. The reports show year-over-year values.

Users report that the performance of some of the reports has degraded over time and some visuals show errors.

You need to resolve the performance issues. The solution must meet the following requirements:

Provide the best query performance.

Minimize operational costs.

Which should you do?

- A. Increase the capacity.
C Enable V-Order
- B. Create views.
- C. Change the MD5 hash to SHA256.
- D. Modify the surrogate keys to use a different data type.

正解: D

解説:

In this case, the key issue causing performance degradation likely stems from the use of MD5 hash surrogate keys. MD5 hashes are 128-bit values, which can be inefficient for large datasets like the 500 million rows in your fact table. Using a more efficient data type for surrogate keys (such as integer or bigint) would reduce the storage and processing overhead, leading to better query performance. This approach will improve performance while minimizing operational costs because it reduces the complexity of querying and indexing, as smaller data types are generally faster and more efficient to process.

質問 # 17

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

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.

正解:

解説:

質問 # 18

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