

DP-600최고품질인증시험공부자료 - DP-600시험대비최신덤프문제



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<https://drive.google.com/open?id=1WdgfykzIrQxtMgpWn3jXsjuEy4vCsh3I>

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>> DP-600최고품질 인증 시험 공부자료 <<

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Microsoft DP-600 시험요강:

주제	소개
주제 1	<ul style="list-style-type: none">Implement and manage semantic models: This section of the exam measures the skills of architects and focuses on designing and optimizing semantic models to support enterprise-scale analytics. It evaluates understanding of storage modes and implementing star schemas and complex relationships, such as bridge tables and many-to-many joins. Architects must write DAX-based calculations using variables, iterators, and filtering techniques. The use of calculation groups, dynamic format strings, and field parameters is included. The section also includes configuring large semantic models and designing composite models. For optimization, candidates are expected to improve report visual and DAX performance, configure Direct Lake behaviors, and implement incremental refresh strategies effectively.

주제 2	<ul style="list-style-type: none"> • Prepare data: This section of the exam measures the skills of engineers and covers essential data preparation tasks. It includes establishing data connections and discovering sources through tools like the OneLake data hub and the real-time hub. Candidates must demonstrate knowledge of selecting the appropriate storage type—lakehouse, warehouse, or eventhouse—depending on the use case. It also includes implementing OneLake integrations with Eventhouse and semantic models. The transformation part involves creating views, stored procedures, and functions, as well as enriching, merging, denormalizing, and aggregating data. Engineers are also expected to handle data quality issues like duplicates, missing values, and nulls, along with converting data types and filtering. Furthermore, querying and analyzing data using tools like SQL, KQL, and the Visual Query Editor is tested in this domain.
주제 3	<ul style="list-style-type: none"> • Maintain a data analytics solution: This section of the exam measures the skills of administrators and covers tasks related to enforcing security and managing the Power BI environment. It involves setting up access controls at both workspace and item levels, ensuring appropriate permissions for users and groups. Row-level, column-level, object-level, and file-level access controls are also included, alongside the application of sensitivity labels to classify data securely. This section also tests the ability to endorse Power BI items for organizational use and oversee the complete development lifecycle of analytics assets by configuring version control, managing Power BI Desktop projects, setting up deployment pipelines, assessing downstream impacts from various data assets, and handling semantic model deployments using XMLA endpoint. Reusable asset management is also a part of this domain.

최신 Microsoft Certified DP-600 무료 샘플문제 (Q133-Q138):

질문 # 133

You have a Fabric tenant that contains lakehouse named Lakehouse1. Lakehouse1 contains a Delta table with eight columns. You receive new data that contains the same eight columns and two additional columns.

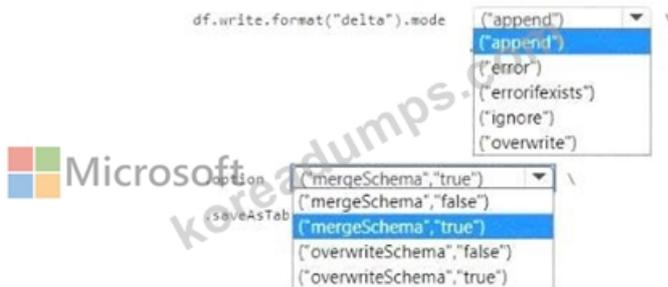
You create a Spark DataFrame and assign the DataFrame to a variable named df. The DataFrame contains the new data. You need to add the new data to the Delta table to meet the following requirements:

* Keep all the existing rows.

* Ensure that all the new data is added to the table.

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

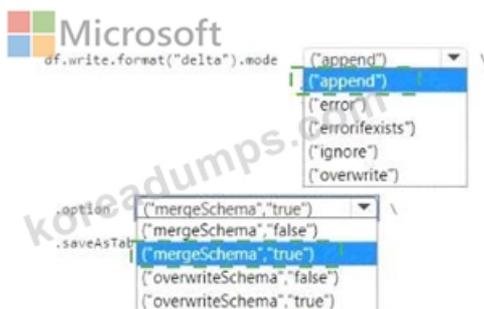
Answer Area



정답:

설명:

Answer Area



Explanation:

Answer Area

```
df.write.format("delta").mode ("append") \
.option ("mergeSchema","true") \
.saveAsTable("Table")
```

o add new data to the Delta table while meeting the specified requirements:

You should use the append mode to ensure that all new data is added to the table without affecting the existing rows.

You should set the mergeSchema option to true to allow the schema of the Delta table to be updated with the new columns found in the DataFrame.

The completed code would look like this:

```
df.write.format("delta").mode("append")
.option("mergeSchema", "true")
.saveAsTable("Lakehouse1.TableName")
```

질문 # 134

You have a Fabric tenant that contains a semantic model. The model contains data about retail stores.

You need to write a DAX query that will be executed by using the XMLA endpoint. The query must return a table of stores that have opened since December 1, 2023.

How should you complete the DAX expression? 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.

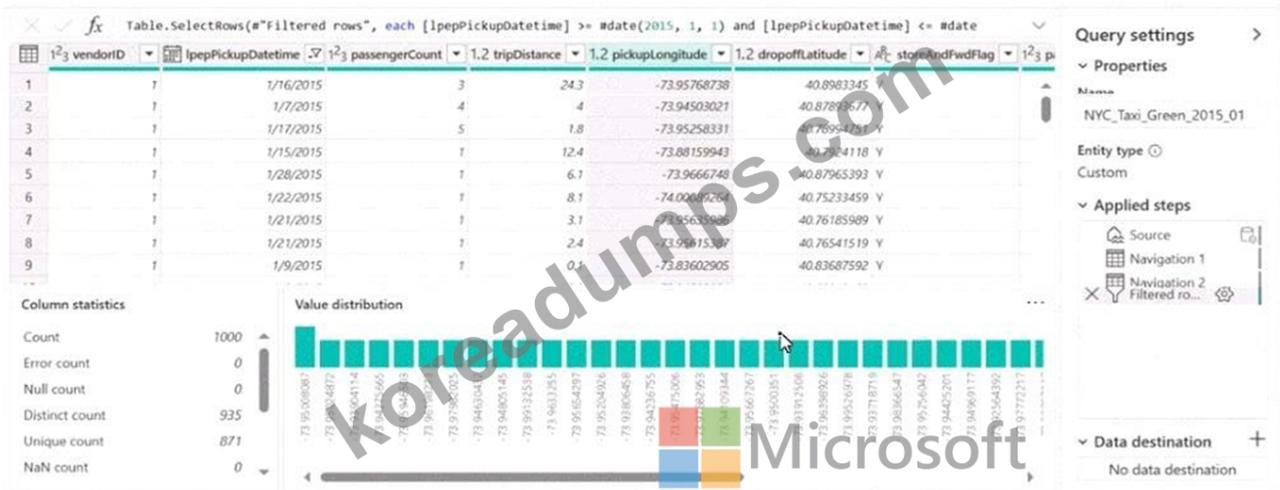
NOTE: Each correct selection is worth one point.

정답:

설명:

질문 # 135

You have a Fabric workspace named Workspace 1 that contains a dataflow named Dataflow1. Dataflow1 has a query that returns 2,000 rows. You view the query in Power Query as shown in the following exhibit.



What can you identify about the pickupLongitude column?

- A. All the table rows are profiled.
- B. There are 935 values that occur only once.
- C. The column has missing values.
- D. The column has duplicate values.

정답: D

설명:

The pickupLongitude column has duplicate values. This can be inferred because the 'Distinct count' is 935 while the 'Count' is 1000, indicating that there are repeated values within the column. References = Microsoft Power BI documentation on data profiling could provide further insights into understanding and interpreting column statistics like these.

질문 # 136

Hotspot Question

You have a Fabric tenant that contains a semantic model named modell. The two largest columns in modell are shown in the following table.

Name	Cardinality	Compressed size	Description
TransactionKey	2,500,350,000	160 GB	Contains an incrementing surrogate key for a fact table named SalesTransaction
SaleDateTime	6,850,273	120 GB	Contains the datetime (to the nearest second) of when a sale occurred

You need to optimize modell. The solution must meet the following requirements:

- Reduce the model size.
- Increase refresh performance when using Import mode.
- Ensure that the datetime value for each sales transaction is available in the model.

What should you do on each column? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

TransactionKey:

- Change the data type of the column.
- Remove the column.
- Split the column.
- Truncate the data.

SaleDateTime:

- Change the data type of the column.
- Remove the column.
- Split the column.
- Truncate the data.

정답:

설명:

Answer Area



TransactionKey:

- Change the data type of the column.
- Remove the column.
- Split the column.
- Truncate the data.

SaleDateTime:

- Change the data type of the column.
- Remove the column.
- Split the column.
- Truncate the data.

Explanation:

TransactionKey --> Remove the column.

There is no need to keep 160 GB for a surrogate key, it can be removed and SaleDateTime can be moved into the SalesTransaction table that will for sure "Increase refresh performance when using Import mode." and "Reduce the model size." since there is no need for an heavy join like this one.

SaleDateTime --> Split the column.

Splitting the column would lead for sure to "Ensure that the datetime value for each sales transaction is available in the model." and i think it would lead to a better segmentation of the data meaning less cardinality that would lead to "Increase refresh performance when using Import mode." and "Reduce the model size."

질문 # 137

You need to ensure that Contoso can use version control to meet the data analytics requirements and the general requirements. What should you do?

- A. Store all the semantic models and reports in Data Lake Gen2 storage.
- B. Modify the settings of the Research workspaces to use a GitHub repository.

