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Wünschen Sie nicht großen Erfolg in Ihrem Arbeitsleben machen? Wenn ja, sollen Sie jetzt sich verbessern. Und wie kann Ihre selbe Fähigkeit in IT-Industrie sich verbessern? Es ist eine gute Weise, die Microsoft DP-700 Zertifizierungsprüfung abzulegen. Die Microsoft Zeritizierungsprüfung ist eine sehr wichtige Zertifizierung, deshalb gibt es immer mehr Microsoft Prüfungskandidaten.

Es existiert viele Methoden, mit der Sie sich auf die Microsoft DP-700 Zertifizierungsprüfung vorzubereiten. Unsere Website bietet zuverlässige Prüfungsmaterialien, mit den Sie sich auf die nächste Microsoft DP-700 Zertifizierungsprüfung vorbereiten. Die Lernmaterialien zur Microsoft DP-700 Zertifizierungsprüfung von PrüfungFrage enthalten sowohl Fragen als auch Antworten. Unsere Materialien sind von der Praxis überprüfte Software. Wir werden alle Ihren Bedürfnisse zurMicrosoft DP-700 Zertifizierung abdecken.

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Auf unterschiedliche Art und Weise kann man verschiedene Zwecke erfüllen. Was wichtig ist, dass man welchen Weg einschlägt. Viele Leute beteiligen sich an der Microsoft DP-700 Zertifizierungsprüfung, um seine Lebens-und Arbeitsumstände zu verbessern. Wie alle wissen, dass es nicht so leicht ist, die Microsoft DP-700 (Implementing Data Engineering Solutions Using Microsoft Fabric) Zertifizierungsprüfung zu bestehen. Für die Prüfung verwendet man viel Energie und Zeit. Traurigerweise haben sie die Microsoft DP-700 Prüfung noch nicht bestanden.

Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric DP-700 Prüfungsfragen mit Lösungen (Q53-Q58):

53. Frage
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 Fabric eventstream that loads data into a table named Bike_Location in a KQL database. The table contains the following columns:
BikepointID
Street
Neighbourhood
No_Bikes
No_Empty_Docks
Timestamp
You need to apply transformation and filter logic to prepare the data for consumption. The solution must return data for a neighbourhood named Sands End when No_Bikes is at least 15. The results must be ordered by No_Bikes in ascending order.
Solution: You use the following code segment:

```
bike_location
| filter Neighbourhood == "Sands End" and No_Bikes >= 15
| order by No_Bikes
| project BikepointID, Street, Neighbourhood, No_Bikes, No_Empty_Docks, Timestamp
```

Does this meet the goal?

- A. Yes
- B. no

Antwort: B

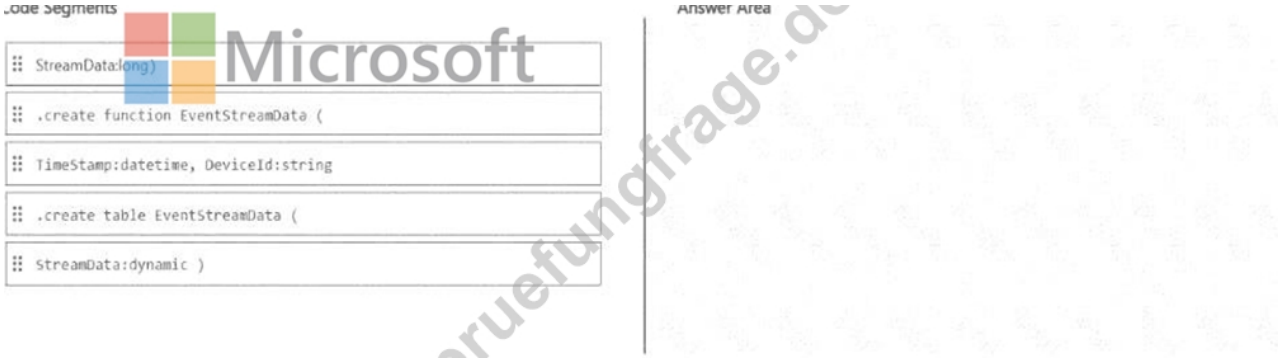
Begründung:
This code does not meet the goal because it uses order by, which is not valid in KQL. The correct term in KQL is sort by.
Correct code should look like:

```
bike_location
| filter Neighbourhood == "Sands End" and No_Bikes >= 15
| sort by No_Bikes asc
| project BikepointID, Street, Neighbourhood, No_Bikes, No_Empty_Docks, Timestamp
```

Topic 1, Litware, IncCase Study
This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.
To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.
At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.
To start the case study
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.
Overview
Litware, Inc. is a publishing company that has an online bookstore and several retail bookstores worldwide.
Litware also manages an online advertising business for the authors it represents.
Existing Environment. Fabric Environment
Litware has a Fabric workspace named Workspace1. High concurrency is enabled for Workspace1.
The company has a data engineering team that uses Python for data processing.
Existing Environment. Data Processing
The retail bookstores send sales data at the end of each business day, while the online bookstore constantly provides logs and sales data to a central enterprise resource planning (ERP) system.

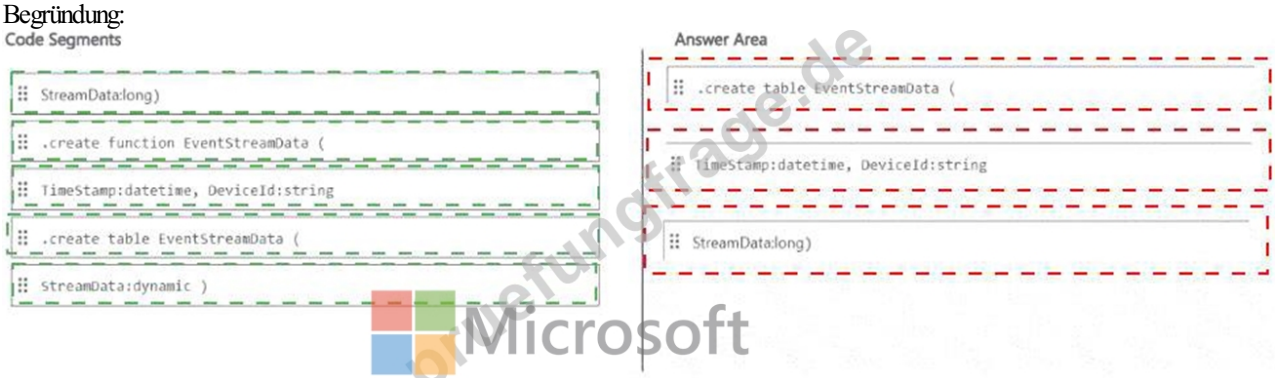
Litware implements a medallion architecture by using the following three layers: bronze, silver, and gold. The sales data is ingested from the ERP system as Parquet files that land in the Files folder in a lakehouse.
Notebooks are used to transform the files in a Delta table for the bronze and silver layers. The gold layer is in a warehouse that has V-Order disabled.
Litware has image files of book covers in Azure Blob Storage. The files are loaded into the Files folder.
Existing Environment. Sales Data
Month-end sales data is processed on the first calendar day of each month. Data that is older than one month never changes.
In the source system, the sales data refreshes every six hours starting at midnight each day.
The sales data is captured in a Dataflow Gen1 dataflow. When the dataflow runs, new and historical data is captured. The dataflow captures the following fields of the source:
Sales Date
Author
Price
Units
SKU
A table named AuthorSales stores the sales data that relates to each author. The table contains a column named AuthorEmail.
Authors authenticate to a guest Fabric tenant by using their email address.
Existing Environment. Security Groups
Litware has the following security groups:
Sales
Fabric Admins
Streaming Admins
Existing Environment. Performance Issues
Business users perform ad-hoc queries against the warehouse. The business users indicate that reports against the warehouse sometimes run for two hours and fail to load as expected. Upon further investigation, the data engineering team receives the following error message when the reports fail to load: "The SQL query failed while running." The data engineering team wants to debug the issue and find queries that cause more than one failure.
When the authors have new book releases, there is often an increase in sales activity. This increase slows the data ingestion process.
The company's sales team reports that during the last month, the sales data has NOT been up-to-date when they arrive at work in the morning.
Requirements. Planned Changes
Litware recently signed a contract to receive book reviews. The provider of the reviews exposes the data in Amazon Simple Storage Service (Amazon S3) buckets.
Litware plans to manage Search Engine Optimization (SEO) for the authors. The SEO data will be streamed from a REST API.
Requirements. Version Control
Litware plans to implement a version control solution in Fabric that will use GitHub integration and follow the principle of least privilege.
Requirements. Governance Requirements
To control data platform costs, the data platform must use only Fabric services and items. Additional Azure resources must NOT be provisioned.
Requirements. Data Requirements
Litware identifies the following data requirements:
Process the SEO data in near-real-time (NRT).
Make the book reviews available in the lakehouse without making a copy of the data.
When a new book cover image arrives in the Files folder, process the image as soon as possible.

54. Frage
You have a Fabric workspace that contains an eventhouse named Eventhouse1.
In Eventhouse1, you plan to create a table named DeviceStreamData in a KQL database. The table will contain data based on the following sample.

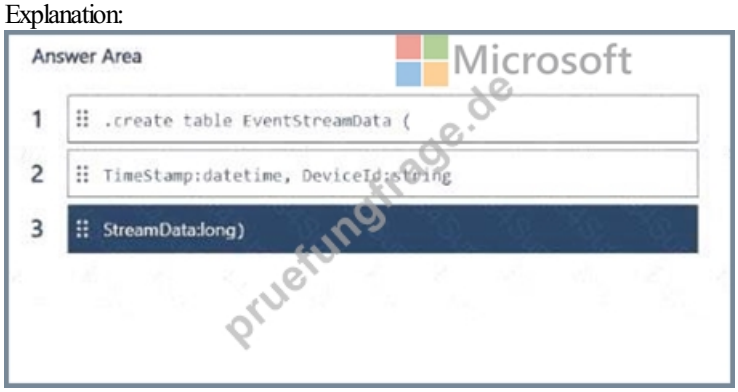


Antwort:

Begründung:



Explanation:



55. Frage

DRAG DROP

You have a Fabric eventhouse that contains a KQL database. The database contains a table named TaxiData.

The following is a sample of the data in TaxiData.

VendorID	tpep_pickup_datetime	tpep_dropoff_datetime	passenger_count	trip_distance	PULocationID	DOLocationID	payment_type	total_amount
2	2022-06-06T11:08:32Z	2022-06-06T11:22:17Z	1	0.17	231	50	2	7.12
2	2022-06-06T11:12:05Z	2022-06-06T11:20:43Z	1	1.02	161	163	1	10.56
1	2022-06-06T11:15:00Z	2022-06-06T11:25:32Z	1	1.07	142	230	2	17.12
2	2022-06-06T11:29:54Z	2022-06-06T11:49:34Z	2	2.07	162	236	2	12.01
1	2022-06-06T11:50:50Z	2022-06-06T12:07:24Z	2	2.65	140	142	1	7.89

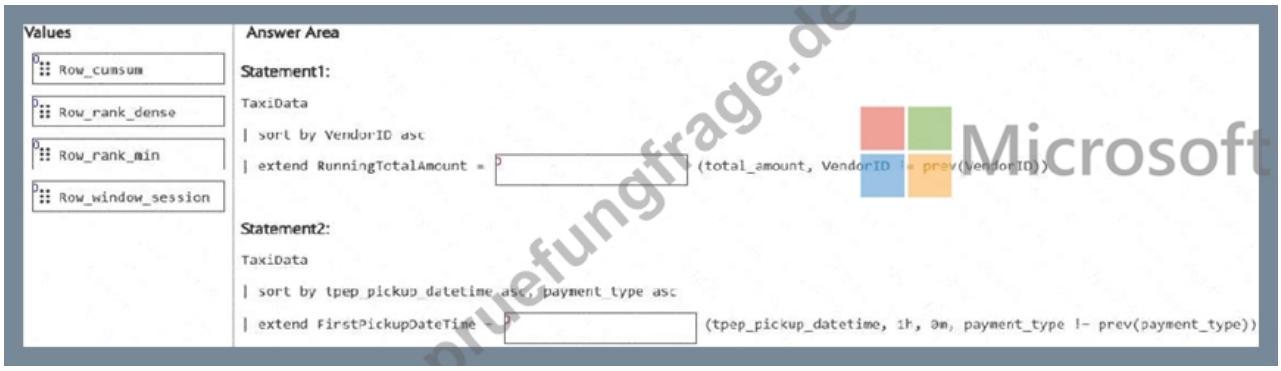
You need to build two KQL queries. The solution must meet the following requirements:

One of the queries must partition RunningTotalAmount by VendorID.

The other query must create a column named FirstPickupDateTime that shows the first value of each hour from tpep_pickup_datetime partitioned by payment_type.

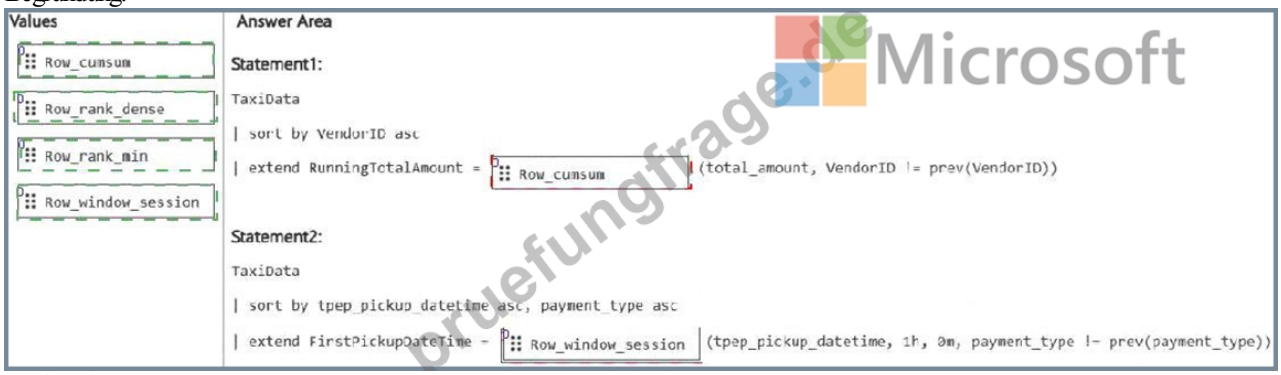
How should you complete each query? To answer, drag the appropriate values the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

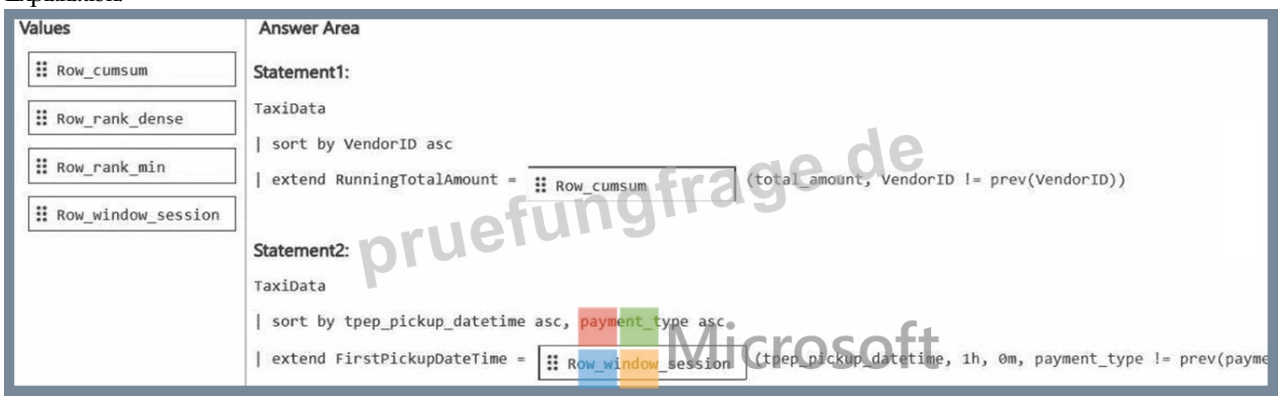


Antwort:

Begründung:



Explanation:



Partition the RunningTotalAmount by VendorID. - Row_cumsum

The Row_cumsum function computes the cumulative sum of a column while optionally restarting the accumulation based on a condition. In this case, it calculates the cumulative sum of total_amount for each VendorID, restarting when the VendorID changes (VendorID != prev(VendorID)).

Create a column FirstPickupDateTime that shows the first value of each hour from tpep_pickup_datetime, partitioned by payment_type - Row_window_session

56. Frage

You are building a data loading pattern for Fabric notebook workloads.

You have the following code segment:

```
def loading_pattern_sample(df_source):
    try:
        deltaTable = DeltaTable.forName(spark, target_table)
    except Exception:
        try:
            df_source.write.format('delta').mode('overwrite').saveAsTable(f"{target_table}")
        except Exception as e:
            print(f':Load for table {target_table} failed with error: {str(e)}')
            raise
        return

    try:
        change_detection_columns = [col for col in df_source.columns if col not in candidate_key]

        match_condition = ' AND '.join([f'target.{col} = source.{col}' for col in candidate_key])
        update_condition = ' OR '.join([f'target.{col} != source.{col}' for col in change_detection_columns])

        update_expr = {col: f'source.{col}' for col in df_source.columns}

        merge_operation = deltaTable.alias('target').merge(
            source=df_source.alias('source'),
            condition=match_condition
        ).whenMatchedUpdate(
            condition=update_condition,
            set=update_expr
        ).whenNotMatchedInsertAll()

        merge_operation.execute()
    except Exception as e:
            print(f'Insert operation for table {target_table} failed with error: {str(e)}')
    return
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The target table will always be overwritten.	○	○
The merge operation will always run.	○	○
The loading pattern supports both full and incremental loading requirements.	○	○

Antwort:

Begründung:

Answer Area

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

Antwort: A

Begründung:
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.

58. Frage
.....

Die Schulungsunterlagen für die Vorbereitung der Microsoft DP-700 Zertifizierungsprüfung beinhalten die Simulationsprüfungen sowie die jetzigen Prüfungsfragen und Antworten zur Microsoft DP-700 Zertifizierungsprüfung. Im Internet haben Sie vielleicht auch einige ähnliche Ausbildungswebsites gesehen. Nach dem Vergleich würden Sie aber finden, dass die Schulungsunterlagen zur Microsoft DP-700 Zertifizierungsprüfung von PrüfungFrage eher zielgerichtet sind. Sie sind nicht nur von guter Qualität, sondern auch die umfassendeste.

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Eher, als wollten sie einen Kampf verhindern, Erstens erkennen Buchhalter DP-700 an, dass Unternehmen jeder Größe immer globaler werden, Aber sie haben sich nicht am Kurs oder Training im Internet beteiligt.

Microsoft DP-700: Implementing Data Engineering Solutions Using Microsoft Fabric braindumps PDF & Testking echter Test

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