

Databricks-Certified-Professional-Data-Engineer PDF題庫 - Databricks-Certified-Professional-Data-Engineer測試



BONUS!!! 免費下載Fast2test Databricks-Certified-Professional-Data-Engineer考試題庫的完整版：<https://drive.google.com/open?id=1WVv-qho3zDoHgLwqBPxSbd8WMoU1ja6I>

IT專業技術認證是進入IT行業的“敲門磚”。由國際著名IT企業頒發的職業證書，證明了你具有某種專業IT技能，為國際承認並通用。這些國際著名IT企業為：Microsoft、Oracle、Cisco、Amazon、IBM、Oracle等。Databricks-Certified-Professional-Data-Engineer考試就是其中一個流行的Databricks認證。許多考生對這門考試沒有什麼信心，其實，Databricks-Certified-Professional-Data-Engineer最新的擬真試題是用最快和最聰明的的方式來傳遞您的考試，並幫助您獲得Databricks Databricks-Certified-Professional-Data-Engineer認證。

Databricks認證的專業數據工程師是一項認證考試，可測試使用Databricks設計和實施數據解決方案所需的技能和知識。Databricks是一個基於雲的數據平台，可幫助組織管理和處理大量數據。認證考試專為負責創建和維護數據管道，管理數據存儲和實施數據解決方案的數據工程師而設計。

Databricks認證專業資料工程師考試測試候選人使用Databricks設計、構建和管理資料管道的能力，涵蓋多個主題，包括數據輸入、轉換、存儲和分析。候選人必須展示他們使用Databricks工具和技術解決實際世界的數據工程問題的能力。這項認證考試非常適合希望驗證他們使用Databricks構建和管理數據管道的技能和專業知識的數據工程師。

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Databricks Databricks-Certified-Professional-Data-Engineer認證考試學習指南

我們Fast2test Databricks的Databricks-Certified-Professional-Data-Engineer考試培訓資料不僅為你節省能源和資源，還有時間很充裕，因為我們所做的一切，你可能需要幾個月來實現，所以你必須要做的是通過我們Fast2test Databricks的Databricks-Certified-Professional-Data-Engineer考試培訓資料，為了你自己，獲得此證書。我們Fast2test一定會幫助你獲得你所需要的知識和經驗，還為你提供了詳細的Databricks的Databricks-Certified-Professional-Data-Engineer考試目標，所以有了它，你不得獲得考試認證。

最新的 Databricks Certification Databricks-Certified-Professional-Data-Engineer 免費考試真題 (Q70-Q75):

問題 #70

Which of the following is true of Delta Lake and the Lakehouse?

- A. Because Parquet compresses data row by row, strings will only be compressed when a character is repeated multiple times.
- B. Views in the Lakehouse maintain a valid cache of the most recent versions of source tables at all times.
- C. Delta Lake automatically collects statistics on the first 32 columns of each table which are leveraged in data skipping based on query filters.
- D. Z-order can only be applied to numeric values stored in Delta Lake tables
- E. Primary and foreign key constraints can be leveraged to ensure duplicate values are never entered into a dimension table.

答案： A

解題說明：

Explanation

This is the correct answer because it is true of Delta Lake and the Lakehouse. Delta Lake uses Parquet as the underlying storage format for data files. Parquet is a columnar format that compresses data by column rather than by row. This means that Parquet can achieve high compression ratios for columns that have low cardinality or high repetition of values, such as integers, booleans, or dates. However, for columns that have high cardinality or low repetition of values, such as strings, Parquet cannot compress data very well.

Therefore, strings will only be compressed when a character is repeated multiple times within a row. Verified References:[Databricks Certified Data Engineer Professional], under "Delta Lake" section; Databricks Documentation, under "Delta Lake core features - Schema enforcement and evolution" section.

問題 #71

What is the top-level object in unity catalog?

- A. Catalog
- B. Metastore
- C. Database
- D. Workspace
- E. Table

答案： B

解題說明：

Explanation

Key concepts - Azure Databricks | Microsoft Docs

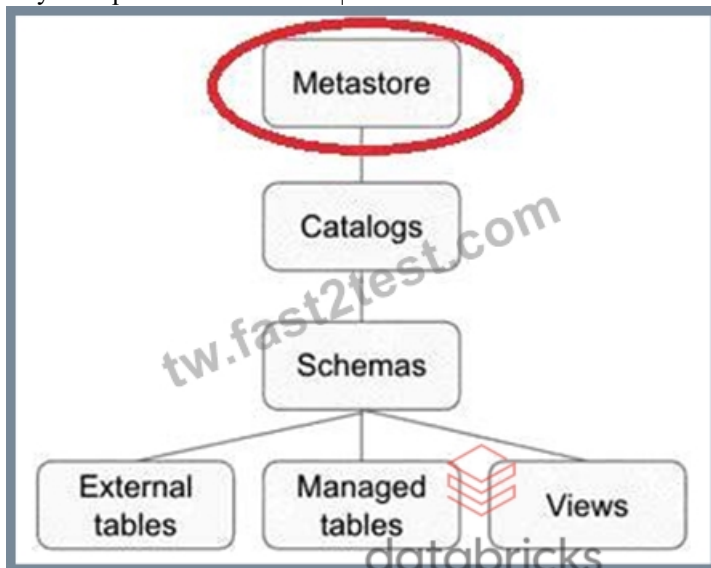


Diagram Description automatically generated

問題 #72

The data engineering team maintains the following code:

```

import pyspark.sql.functions as F

(spark.table("silver_customer_sales")
  .groupBy("customer_id")
  .agg(
    F.min("sale_date").alias("first_transaction_date"),
    F.max("sale_date").alias("last_transaction_date"),
    F.mean("sale_total").alias("average_sales"),
    F.countDistinct("order_id").alias("total_orders"),
    F.sum("sale_total").alias("lifetime_value")
  )
  .write
  .mode("overwrite")
  .table("gold_customer_lifetime_sales_summary")
)

```

Assuming that this code produces logically correct results and the data in the source table has been de-duplicated and validated, which statement describes what will occur when this code is executed?

- A. The silver_customer_sales table will be overwritten by aggregated values calculated from all records in the gold_customer_lifetime_sales_summary table as a batch job.
- **B. The gold_customer_lifetime_sales_summary table will be overwritten by aggregated values calculated from all records in the silver_customer_sales table as a batch job.**
- C. An incremental job will detect if new rows have been written to the silver_customer_sales table; if new rows are detected, all aggregates will be recalculated and used to overwrite the gold_customer_lifetime_sales_summary table.
- D. A batch job will update the gold_customer_lifetime_sales_summary table, replacing only those rows that have different values than the current version of the table, using customer_id as the primary key.
- E. An incremental job will leverage running information in the state store to update aggregate values in the gold_customer_lifetime_sales_summary table.

答案： B

解題說明：

Explanation

This code is using the pyspark.sql.functions library to group the silver_customer_sales table by customer_id and then aggregate the data using the minimum sale date, maximum sale total, and sum of distinct order ids.

The resulting aggregated data is then written to the gold_customer_lifetime_sales_summary table, overwriting any existing data in that table. This is a batch job that does not use any incremental or streaming logic, and does not perform any merge or update operations. Therefore, the code will overwrite the gold table with the aggregated values from the silver table every time it is executed. References:

<https://docs.databricks.com/spark/latest/dataframes-datasets/introduction-to-dataframes-python.html>

<https://docs.databricks.com/spark/latest/dataframes-datasets/transforming-data-with-dataframes.html>

<https://docs.databricks.com/spark/latest/dataframes-datasets/aggregating-data-with-dataframes.html>

問題 #73

Delete records from the transactions Delta table where transactionDate is greater than current timestamp?

- A. DELETE FROM transactions where transactionDate > current_timestamp() KEEP_HISTORY
- **B. DELETE FROM transactions where transactionDate > current_timestamp()**
- C. DELET FROM transactions where transactionDate GE current_timestamp()
- D. DELETE FROM transactions FORMAT DELTA where transactionDate > cur-rencnt_timestamp()
- E. DELETE FROM transactions if transctionDate > current_timestamp()

答案： B

問題 #74

A data pipeline uses Structured Streaming to ingest data from kafka to Delta Lake. Data is being stored in a bronze table, and includes the Kafka_generated timesamp, key, and value. Three months after the pipeline is deployed the data engineering team has

noticed some latency issued during certain times of the day.

A senior data engineer updates the Delta Table's schema and ingestion logic to include the current timestamp (as recorded by Apache Spark) as well the Kafka topic and partition. The team plans to use the additional metadata fields to diagnose the transient processing delays:

Which limitation will the team face while diagnosing this problem?

- A. Updating the table schema requires a default value provided for each file added.
- B. Updating the table schema will invalidate the Delta transaction log metadata.
- C. Spark cannot capture the topic partition fields from the kafka source.
- **D. New fields not be computed for historic records.**

答案： D

解題說明：

When adding new fields to a Delta table's schema, these fields will not be retrospectively applied to historical records that were ingested before the schema change. Consequently, while the team can use the new metadata fields to investigate transient processing delays moving forward, they will be unable to apply this diagnostic approach to past data that lacks these fields.

Reference:

Databricks documentation on Delta Lake schema management: <https://docs.databricks.com/delta/delta-batch.html#schema-management>

問題 #75

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面對競爭激勵的世界，唯有考取和別人不一樣的證照，才可以充實自己，知識就是力量。購買 Databricks Databricks-Certified-Professional-Data-Engineer 題庫，可以免費享受一年的更新題庫的售後服務，在購買前享有免費試用部分考題DEMO。我們提供PDF和軟體格式的考題，其中PDF版本可以列印，軟體版的題庫可以模擬真實的 Databricks 的 Databricks-Certified-Professional-Data-Engineer 考試。正確率100%，考生可以參照最新的 Databricks-Certified-Professional-Data-Engineer 認證部分考題。

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