

DATABRICKS-CERTIFIED-DATA-ENGINEER-ASSOCIATE^{Q&As}

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QUESTION 1

Which of the following is stored in the Databricks customer\\'s cloud account?

- A. Databricks web application
- B. Cluster management metadata
- C. Repos
- D. Data
- E. Notebooks

Correct Answer: D

QUESTION 2

A data engineer wants to create a new table containing the names of customers that live in France. They have written the following command:

```
CREATE TABLE customersInFrance

_____ AS

SELECT id,

firstName,

lastName,

FROM customerLocations

WHERE country = 'FRANCE';
```

A senior data engineer mentions that it is organization policy to include a table property indicating that the new table includes personally identifiable information (PII).

Which of the following lines of code fills in the above blank to successfully complete the task?

- A. There is no way to indicate whether a table contains PII.
- B. "COMMENT PII"
- C. TBLPROPERTIES PII
- D. COMMENT "Contains PII"
- E. PII

Correct Answer: D

Explanation: Ref:https://www.databricks.com/discover/pages/data-quality-management CREATE TABLE my_table (id INT COMMENT \\'Unique Identification Number\\', name STRING COMMENT \\'PII\\', age INT COMMENT \\'PII\\')

TBLPROPERTIES (\\'contains_pii\\'=True) COMMENT \\'Contains PII\\';

QUESTION 3

A data engineer has been using a Databricks SQL dashboard to monitor the cleanliness of the input data to an ELT job. The ELT job has its Databricks SQL query that returns the number of input records containing unexpected NULL values. The data engineer wants their entire team to be notified via a messaging webhook whenever this value reaches 100.

Which of the following approaches can the data engineer use to notify their entire team via a messaging webhook whenever the number of NULL values reaches 100?

- A. They can set up an Alert with a custom template.
- B. They can set up an Alert with a new email alert destination.
- C. They can set up an Alert with a new webhook alert destination.
- D. They can set up an Alert with one-time notifications.
- E. They can set up an Alert without notifications.

Correct Answer: C

Explanation: To achieve this, the data engineer can set up an Alert in the Databricks workspace that triggers when the query results exceed the threshold of 100 NULL values. They can create a new webhook alert destination in the Alert\\'s configuration settings and provide the necessary messaging webhook URL to receive notifications. When the Alert is triggered, it will send a message to the configured webhook URL, which will then notify the entire team of the issue.

QUESTION 4

An engineering manager uses a Databricks SQL query to monitor ingestion latency for each data source. The manager checks the results of the query every day, but they are manually rerunning the query each day and waiting for the results.

Which of the following approaches can the manager use to ensure the results of the query are updated each day?

- A. They can schedule the query to refresh every 1 day from the SQL endpoint\\'s page in Databricks SQL.
- B. They can schedule the query to refresh every 12 hours from the SQL endpoint\\'s page in Databricks SQL.
- C. They can schedule the query to refresh every 1 day from the query\\'s page in Databricks SQL.
- D. They can schedule the query to run every 1 day from the Jobs UI.
- E. They can schedule the query to run every 12 hours from the Jobs UI.

Correct Answer: C

QUESTION 5

Which of the following Structured Streaming queries is performing a hop from a Silver table to a Gold table?

```
(spark.readStream.load(rawSalesLocation)
      .writeStream
      .option("checkpointLocation", checkpointPath)
      .outputMode("append")
      .table("newSales")
  )
 В.
  (spark.read.load(rawSalesLocation)
      .writeStream
      .option("checkpointLocation", checkpointPath)
      .outputMode("append")
      .table("newSales")
  )
 C.
  (spark.table("sales")
      .withColumn("avgPrice", col("sales") / col("units"))
      .writeStream
      .option("checkpointLocation", checkpointPath)
      .outputMode("append")
      .table("newSales")
  )
  (spark.table("sales")
      .filter(col("units") > 0)
      .writeStream
      .option("checkpointLocation", checkpointPath)
      .outputMode("append")
      .table("newSales")
  )
  (spark.table("sales")
      .groupBy("store")
      .agg(sum("sales"))
      .writeStream
      .option("checkpointLocation", checkpointPath)
      .outputMode ("complete")
      .table("newSales")
  )
A. Option A
B. Option B
C. Option C
D. Option D
E. Option E
```



Correct Answer: E

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