Quiz: Module 3

Your score: 80%   Passing score: 80%

[Retake]

Congratulations! You passed this assessment.

✓ 1. You want to know how many rows are in the BigQuery Public Dataset on San Francisco Bike Shares. What could you do?

☐ # Run the below query: SELECT SUM(*) AS total_trips FROM `bigquery-public-data.san_francisco_bikeshare.bikeshare_trips`

✓ In the BigQuery Web UI, find the table and click the details tab and view the rows.

Correct - good job!

✓ # Run the below query: SELECT COUNT(*) AS total_trips FROM `bigquery-public-data.san_francisco_bikeshare.bikeshare_trips`

Correct - good job!

✓ 2. True or False: You can query a Google Spreadsheet directly from BigQuery without loading it in first.

◯ False

✓ True

Correct - this is a federated query

✓ 3. Complete the following In ML, a row of data is called a(n) _____ and a column of data is called a(n) _____. We mark one or more columns as _____ which we know for historical data and are trying to predict for future data.

◯ 1. labels 2. instance or observation 3. labels

◯ 1. instance or observation 2. labels 3. feature

✓ 1. instance or observation 2. feature 3. labels

Correct - good job!

✗ 4. You have a taxi service data schema that has three columns: - ride_id - ride_timestamp - ride_status You want to use BigQuery for reporting but you don't want to split your table into multiple sub-tables. What native features of BigQuery data types should you explore? (check all that apply)

Note: To get credit for a multiple-select question, you must select all of the correct options and none of the incorrect ones.

☐ Consider renaming the ride_id column to 'label' so you can use it in a **BigQuery ML model** to predict the ride_id of the next ride.

☐ Consider adding lat / long geographic data points as new columns and using **GIS Functions** to quickly plot the distances your fleet has travelled.

✔ Consider making ride_timestamp an **ARRAY** of timestamp values so each ride_id row in your table could still be unique and easy to report off of.

> Correct - good job!

✔ 5. Which of the below are the core services that make up BigQuery? (choose the correct 2)

☐ Data Optimization service

✔ Storage service

> Correct - good job!

☐ Machine Learning service

✔ Query service

> Correct - good job!

Chat