Quiz 1

Write SQL queries and check the results in the Big Query Console for each of these questions.

1.

How many rows are in the data set `bigquery-public-data.new_york.311_service_requests` ?

2.

In the data set, `bigquery-public-data.new_york.311_service_requests`, how many total records are there in the agency_name column?

3.

In the data set, `bigquery-public-data.new_york.311_service_requests`, how many distinct agency names are there in the agency_name column?

4.

Which of the following queries will execute without any errors:

a)

```
SELECT

  COUNT(DISTINCT city) AS distinct_city_count

  COUNT(city) AS number_city_records

FROM

  `bigquery-public-data.new_york.311_service_requests`
```

b)

```
SELECT

  COUNT(DISTINCT city) AS distinct_city_count,

  COUNT(city) AS number_city_records

FROM

  `bigquery-public-data.new_york.311_service_requests`
```

c)

```
SELECT

  COUNT(DISTINCT city) AS distinct_city_count,

  COUNT(city) AS number_city_records,

FROM

  `bigquery-public-data.new_york.311_service_requests`
```

d)

```
SELECT

  COUNT(DISTINCT city), AS distinct_city_count,

  COUNT(city) AS number_city_records

FROM

  `bigquery-public-data.new_york.311_service_requests`
```

e)

```
SELECT

  COUNT(DISTINCT city) AS distinct_city_count,

  COUNT(city) AS number_city_records

FROM

  bigquery-public-data.new_york.311_service_requests
```

5.

Which of the following data sets has the most rows?

`bigquery-public-data.nppes.healthcare_provider_taxonomy_code_set`

`bigquery-public-data.ncaa_basketball.mbb_historical_teams_seasons`