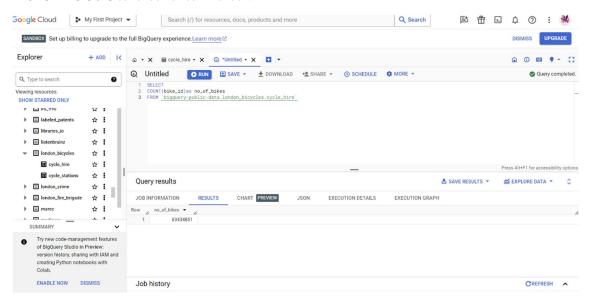
R PROGRAMMING ASSIGNMENT II- SQL

SUBMITTED BY ANDITTA VOHRA- 2337006 2MAECO

From table: `bigquery-public-data.london_bicycles.cycle_hire`

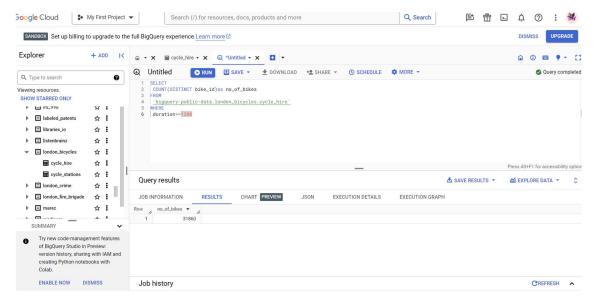
Q.1. How many bikes are up for hiring in London?

Answer. There are 83434851 bikes in London.



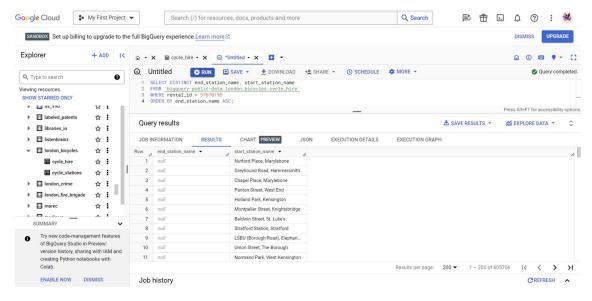
Q.2. How many distinct bike_ids had trip durations greater than 1200 seconds (or 20 minutes)?

Answer. There are 31860 bikes which had trip durations greater than 1200 seconds.



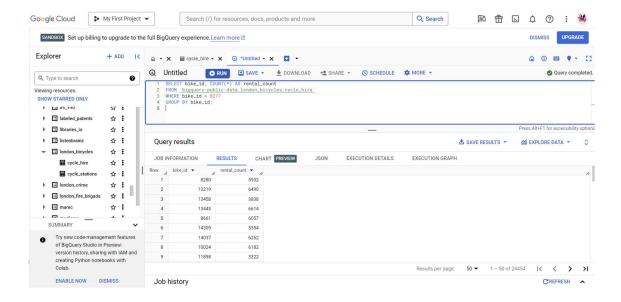
Q.3. Name all the cycle stations in London.

Answer. There are 605706 cycle stations in London namely:-



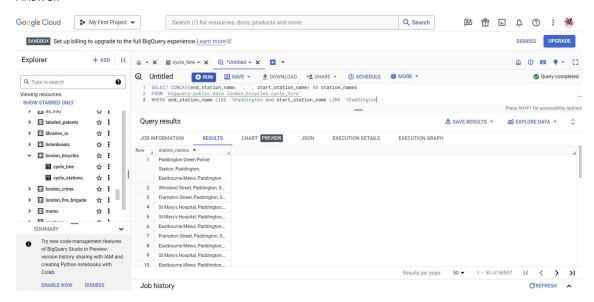
Q.4. How many times has each bike been rented out?

Answer.



Q.5. List all the cycle stations in Mayfair.

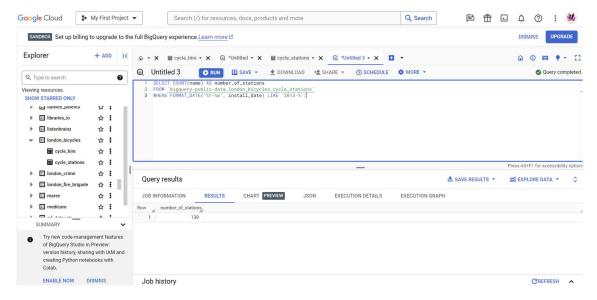
Answer.



From table: `bigquery-public-data.london_bicycles.cycle_stations`

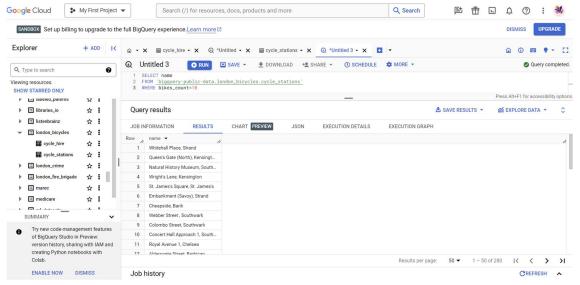
Q.6. How many cycle stations are there which were installed in 2013?

Answer. 139 stations were installed in 2013

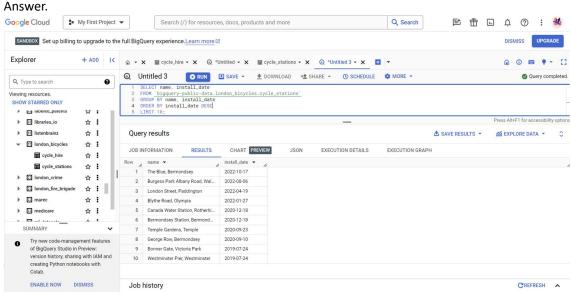


Q.7. List all the stations where the number of bikes parked are less than 10.

Answer. There are 280 stations in London which have less than 10 bikes.

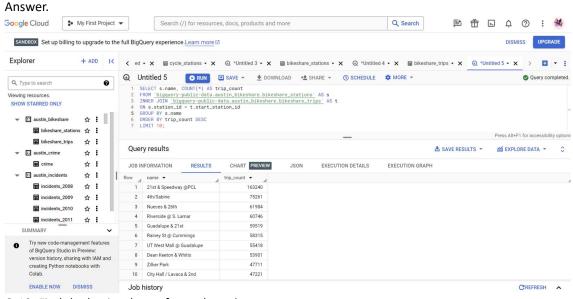


Q.8. List the top 10 recently made stations and their installation date.



From tables: bigquery-public-data.austin_bikeshare.bikeshare_stations and bigquery-public-data.austin bikeshare.bikeshare trips

Q.9. Find the most popular starting stations for bike trips.



Q.10. Find the busiest hours for each station

Answer.

