



BigQuery

Recitation – BigQuery beachhead



OLTP or OLAP?
On-Prem or Cloud?



Are there fewer bike rentals on rainy days?

Your tasks:

Download https://github.com/acatlin/sql/blob/main/rainy_days.sql

1. In Your Google BigQuery sandbox, run these queries separately, and be able to explain them.
2. Are there fewer bicycle rentals on rainy days? (And who would find this information helpful?)
3. "Package these queries up" as common table expressions, then join the two CTEs to answer the question, "Are there fewer bicycle rentals on rainy days?"
4. Extra: Can you ask and answer another (useful to someone) question of the two datasets?

Solution

- https://raw.githubusercontent.com/acatlin/sql/main/comparing_bike_rental_rain_or_shine.sql

```
SELECT rd.rainy, ROUND(AVG(bk.num_trips),0)
FROM bicycle_rentals bk
JOIN rainy_days rd ON
bk.trip_date = rd.date
GROUP BY rd.rainy
```