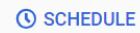
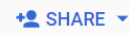




Query for summer trends (Cy...ct)



This query will...

```
5 TR.start_station_latitude,
6 TR.end_station_longitude,
7 TR.end_station_latitude,
8 ZIPSTARTNAME.zip AS ZIP_START,
9 ZIPSTARTNAME.borough AS BOROUGH_START,
10 ZIPSTARTNAME.neighborhood AS NEIGHBORHOOD_START,
11 ZIPENDNAME.zip AS ZIP_END,
12 ZIPENDNAME.borough AS BOROUGH_END,
13 ZIPENDNAME.neighborhood AS NEIGHBORHOOD_END,
14 --I will add 7 years to make the Dashboard look recent
15 DATE_ADD(DATE(TR.starttime), INTERVAL 7 YEAR) AS start_day,
16 DATE_ADD(DATE(TR.stoptime), INTERVAL 7 YEAR) AS stop_day,
17 NOAA.temp AS day_mean_temperature, -- Mean temp
18 NOAA.wdsp AS day_mean_wind_speed, -- Mean wind speed
19 NOAA.prcp AS day_total_precipitation, -- Total precipitation
20 -- Group trips into 10 minute intervals to reduces the number of rows
21 ROUND(CAST(TR.tripduration / 60 AS INT64), -1) AS trip_minutes
22 FROM
23 | bigquery-public-data.new_york_citibike.citibike_trips AS TR
24 INNER JOIN
25 | bigquery-public-data.geo_us_boundaries.zip_codes AS ZIP_START
26 ON
27 | ST_WITHIN(
28 | | ST_GEOGPOINT(TR.start_station_longitude, TR.start_station_latitude),
29 | | ZIP_START.zip_code_geom
30 | )
31 INNER JOIN
32 | bigquery-public-data.geo_us_boundaries.zip_codes AS ZIP_END
33 ON
34 | ST_WITHIN(
35 | | ST_GEOGPOINT(TR.end_station_longitude, TR.end_station_latitude),
36 | | ZIP_END.zip_code_geom
37 | )
38 INNER JOIN
39 | `bigquery-public-data.noaa_gsod.gsod20*` AS NOAA
40 ON
41 | PARSE_DATE("%Y%m%d", CONCAT(NOAA.year, NOAA.mo, NOAA.da)) = DATE(TR.starttime)
42 INNER JOIN
43 | cyclistic-nyc-zip-codes.zip_codes.cyclistic_zip_codes AS ZIPSTARTNAME
44 ON
45 | ZIP_START.zip_code = CAST(ZIPSTARTNAME.zip AS STRING)
46 INNER JOIN
47 | cyclistic-nyc-zip-codes.zip_codes.cyclistic_zip_codes AS ZIPENDNAME
48 ON
49 | ZIP_END.zip_code = CAST(ZIPENDNAME.zip AS STRING)
50 WHERE
51 | -- This takes the weather data from one weather station
52 | NOAA.wban = '94728' -- NEW YORK CENTRAL PARK
53 | -- Use data for three summer months
54 | AND DATE(TR.starttime) BETWEEN DATE('2015-07-01') AND DATE('2015-09-30')
```