Background
(fictive)

Our customer has acquired bike rental businesses in Austin, London and New York. Now they want to build dashboards to better understand their new business empire.

The new dashboards they want to have build include the following:
1. Top 20 performing stations last week, globally, in terms of rides started or duration of rides started.
2. Most successful subscriber_type, year on year comparison (in terms of ride duration minutes)
3. Break-down of last months riders, by age / gender groups (think bar charts)
4. Top Cities last month in terms of rides / duration

The Data

The Data is located in three different datasets in Google BigQuery:
- bigquery-public-data:new_york_citibike.citibike_trips
- bigquery-public-data:london_bicycles.cycle_hire
- bigquery-public-data:austin_bikeshare.bikeshare_trips

If you don't have a personal project setup for BigQuery usage, you'll need to set one up within the Google Cloud Platform in order to use the datasets etc. We expect that building out the models etc should easily fit within Google Cloud Platforms free tier, so you can do this at no cost to you.

Delivery

The customer expects a github repo containing a dbt setup that produces tables that can directly be used in data studio for creating the above mentioned dashboards.
Follow dbt best practices where appropriate. When you are done you can share the github repo with us. Deadline is 10 days from the day you got the task.

Good Luck!