Task

***Section #1 (SQL questions)***

Use BigQuery publics data sets to answer the questions below, please share the SQL used before the interview.

*\*The data to be used exists in the `san\_francisco\_bikeshare` dataset in the `bigquery-public-data` project. Steps on how to access this data are* [*here*](https://cloud.google.com/bigquery/public-data)*.* The SQL is to be shared 24h before the interview.

1. How many trips, longer than 5 minutes, started at the station “Berry St at 4th St” in January 2018?
2. How many bikes are available at the station “Tehama St at 1st St”?
3. Which region did the trip ID “201710241152031294” start in?
4. Do people with a subscription type = ‘Subscriber’ (c\_subscription\_type = ‘Subscriber’) travel for longer, or shorter, than those with a subscription type = ‘Customer’?

***Section #2 (Insights and visualisation)***

\*The dashboard tool of preference is PowerBI, if SQL was used to format the data this is to be sent 24h before the interview.

1. Using the data in the San Francisco dataset, create a dashboard for the following purposes:
   1. Allow users to understand the trends in the data, and as part of the interview call out these trends.
   2. Showcase any interesting insights, or highlights, that were found in the data.
   3. Highlights any anomalies, or issues, that were found in the data.