Section 1 (Group information):

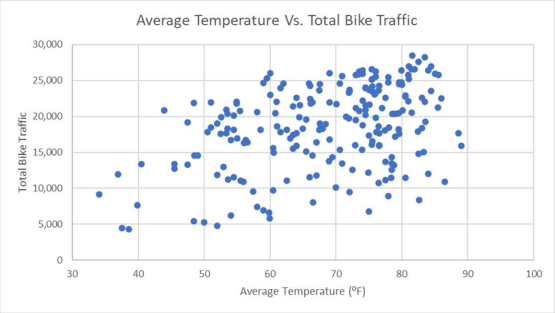
Team Member Names & Usernames:

- Maximilian Drach, mdrach
- Julie Joffe, joffe

Path chosen: Path 1

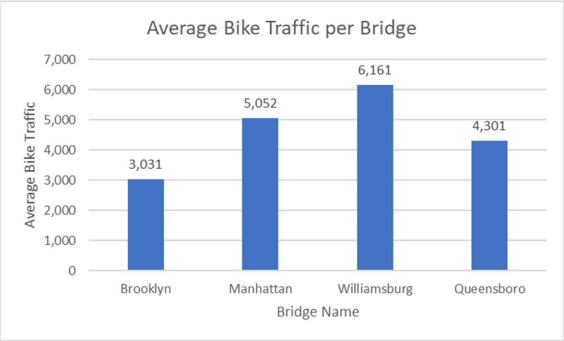
Section 2 (Description of the dataset):

The NYC_Bicycle_Counts_2016_Corrected.csv dataset contains the bike traffic data from the four main pedestrain bridges in New York City starting 04/01/2016 and ending 10/31/2016. Included in the dataset, is the date (no year included), the day of the week (Day), the highest temperature recorded on the set day (High Temp), the lowest temperature recorded on the set day (Low Temp), the recorded precipitation on the set day (Precipitation), the recorded amount of cyclist on the Brooklyn Bridge (Brooklyn Bridge), the recorded amount of cyclist on the Manhattan Bridge (Manhattan Bridge), the recorded amount of cyclist on the Williamsburg Bridge (Williamsburg Bridge), the recorded amount of cyclist on the Queensboro Bridge (Queensboro Bridge), and the total recorded cyclist on all the listed bridges on a set day (Total). An additional variable we have added so far is the average temperature, which takes the mean of the lowest and highest recorded temperatures on each day.



Visual 1: scatter plot representation of the correlation between average temperature and total bike traffic on any given day. This graph allows us to see a generally positive correlation between increased temperature and bike traffic.

Commented [JJ1]: describing the dataset you are working with, all variables need to be included. In addition, you should include at least one visual that help describe one or multiple variables. The description of the visual should be included too.



Visual 2: bar graph representation of average bike traffic, separated by bridge. This graph allows us to see that the Williamsburg bridge has the highest traffic, followed by Manhattan, then Queensboro, and finally Brooklyn.