Data Analytics Tableau Homework 3/22/2020

* Sheet 1: This sheet gives an overview of the most popular Citi Bike locations in New York City. The size of each marker is correlated with the popularity of each location. Additionally, I added average distance traveled in miles from each station.
* Sheet 2: This sheet makes explicit the average distance traveled in miles from each station. Most hover around 1 mile, though there are some outliers in both directions.
* Sheet 3: This sheet gives a gender breakdown of Citi Bike users. Men are significantly more likely than women to use Citi Bikes, representing approximately 3/4 of all users.
* Sheet 4: This sheet gives a breakdown of average trip duration as broken down by birth year. I would have expected the youngest people to have the longest average durations due to increased willingness to bike long distances. However, I found that the age group with the highest average trip duration were those people born between 1901-1920. Perhaps older people were more likely to have high trip durations because they bike more cautiously and slowly.
* Sheet 5: This sheet shows the most popular starting stations as measured by number of users.
* Sheet 6: This sheet shows the most popular ending stations as measured by number of users.
* Sheet 7: This sheet gives a breakdown of the relationship between trip duration and distance traveled. Surprisingly, the correlation is not as strong as I would have thought.
* Dashboard 1: This dashboard allows the viewer to see the most popular starting and ending stations at once.
* Dashboard 2: This dashboard provides the viewer with demographic information on Citi Bike users.
* Story 1: This story gives commentary on the map from Sheet 1.