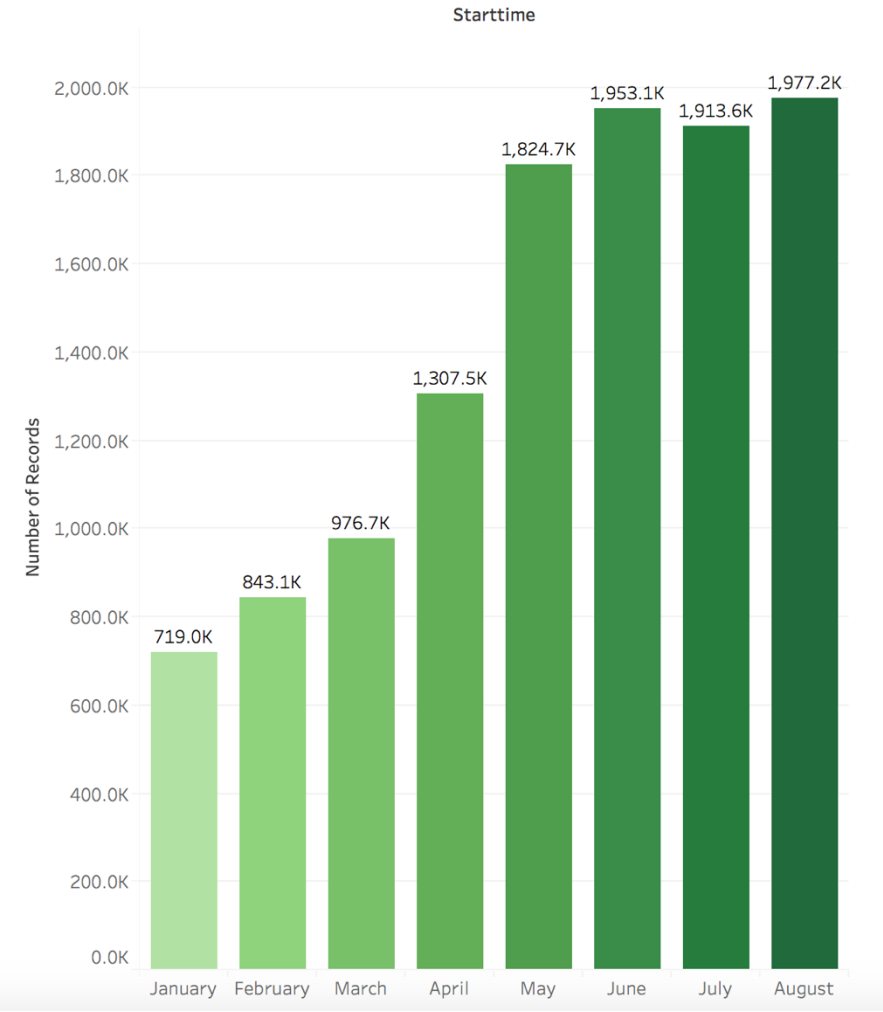
Tableau Assignment- Citi Bike Analytics

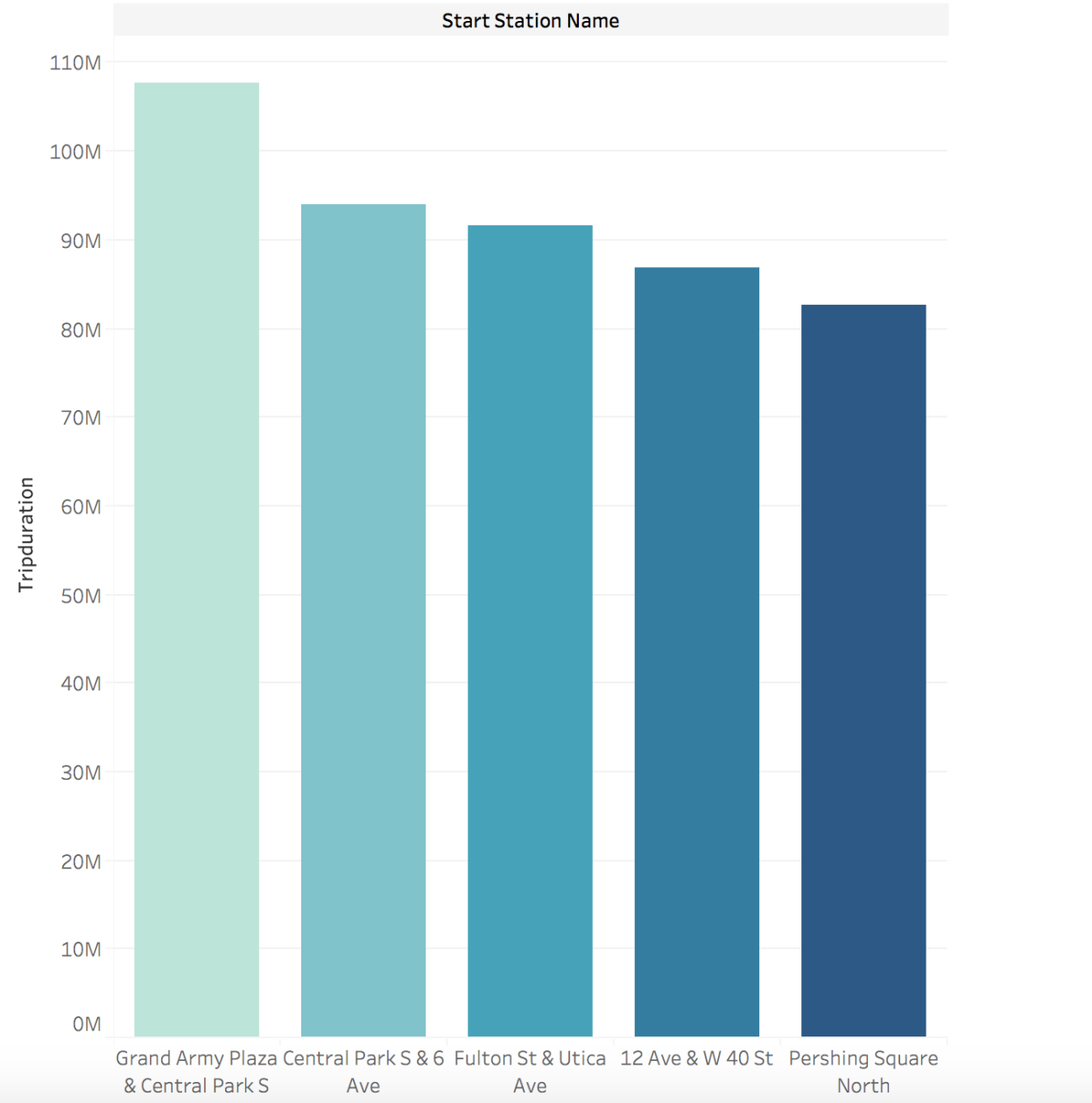
I want to demonstrate how New York City bike share data can be visualized using Tableau. I chose Tableau because of its readily available mapping tools and the ease of collaboratively working on our project despite working asynchronously. All of the workbooks on this page are hosted on Tableau public, which imposes a 15 million row limit on source data. The row limit meant we sometimes had to aggregate data over longer time periods than desired, but we think you'll agree that the results are interesting nonetheless!

The data I used is from 201801-201808. First I used Jupyter note book to combine those 8 months data together and saved as a new csv file. Then I opened the data in Tableau to do the analysis.

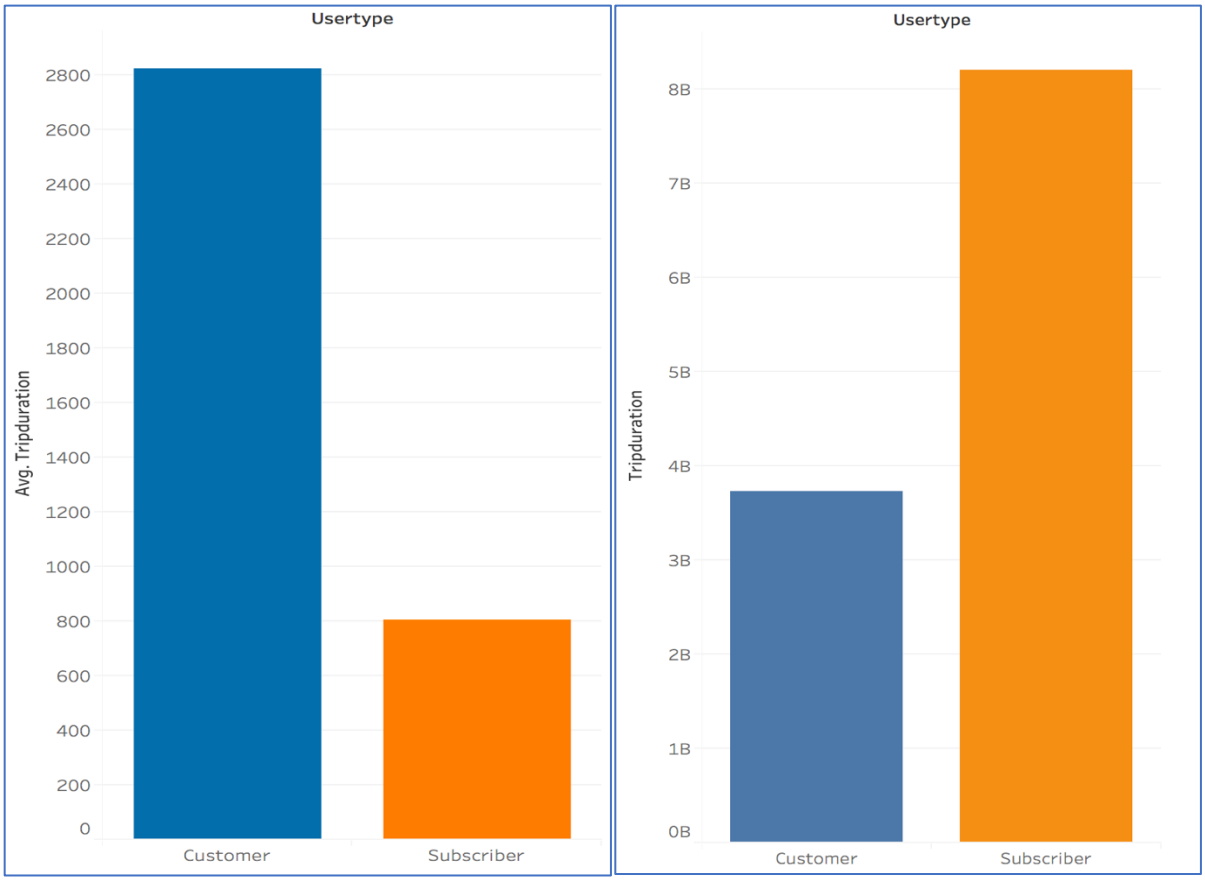
During those 8 months, the businest month is Augest.



I checked the top 5 Citi Bike start Stations by the time of the tripduration. Those are Grand Army Plaza & Central Park S; Central Park S & 6 Ave; Fulton St & Utica Ave; 12 Ave & W 40 St; Pershing Square North.



Then I checked The bargraph of average trip duration for each user type. The data shows that normal customers have a longer average trip time than subscriber. But the total trip duration, Subscriber has longer time than normal customers.



Last but not least I used the map function in Tableau to show the different tripduration for each