The twbx file includes my analysis of May 2019 and May 2014 data. Due to issues running the CitiBike data in Jupyter notebook and uploading in Tableau, I ended up using 10% of the May 2019 dataset and May 2014 dataset. In my Jupyter notebook, I filtered the data to show every 10th row. I chose May 2019 as it is the latest data, and May 2014 to show a 5 year difference

There are a few calculated fields, including the conversion of trip duration from seconds to minutes and getting age from the birth year. I removed data that caused graphs to look too erratic, such as average rides that were longer than 20,000 seconds and data relating to ages over 70.

In general, it looks like customers use bikes longer on average vs subscribers, which might be the case because a customer may use a CitiBike with a specific destination in mind (one to which they cannot walk). Subscribers, on the other hand, might purchase an annual pass because they think they might need it in the future. In 2019, most trips are of a short duration, with longer rides standing out more vs in 2014. Females also spend more time on a bike on average vs males, although there were many riders who did not specify their gender. In 2019, the general trend was that average time spent on a bike would decrease with age. Surprisingly, this was not the case in 2014, although I did remove ages > 70 as I felt some of the data was not being reported correctly. Finally, there was no consistent pattern when looking at average trip time day by day.