

NY CitiBike Presentation

Trong Phan

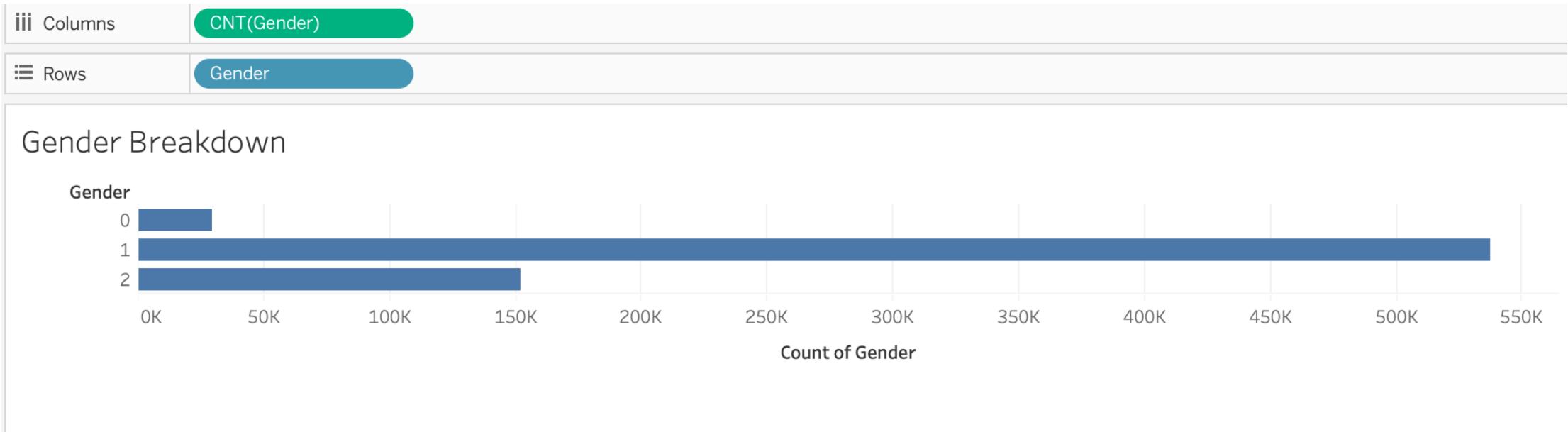
Methods

- The results were reported individually each month. In order to analyze the data, I had spent a lot of time to clean up the data and especially use the function “Union” in Tableau but it was deceptively easy.
- I finally decided to see pandas to concat these files (the old way) (see the file name “CitiBiketotal data”)
- T

The results

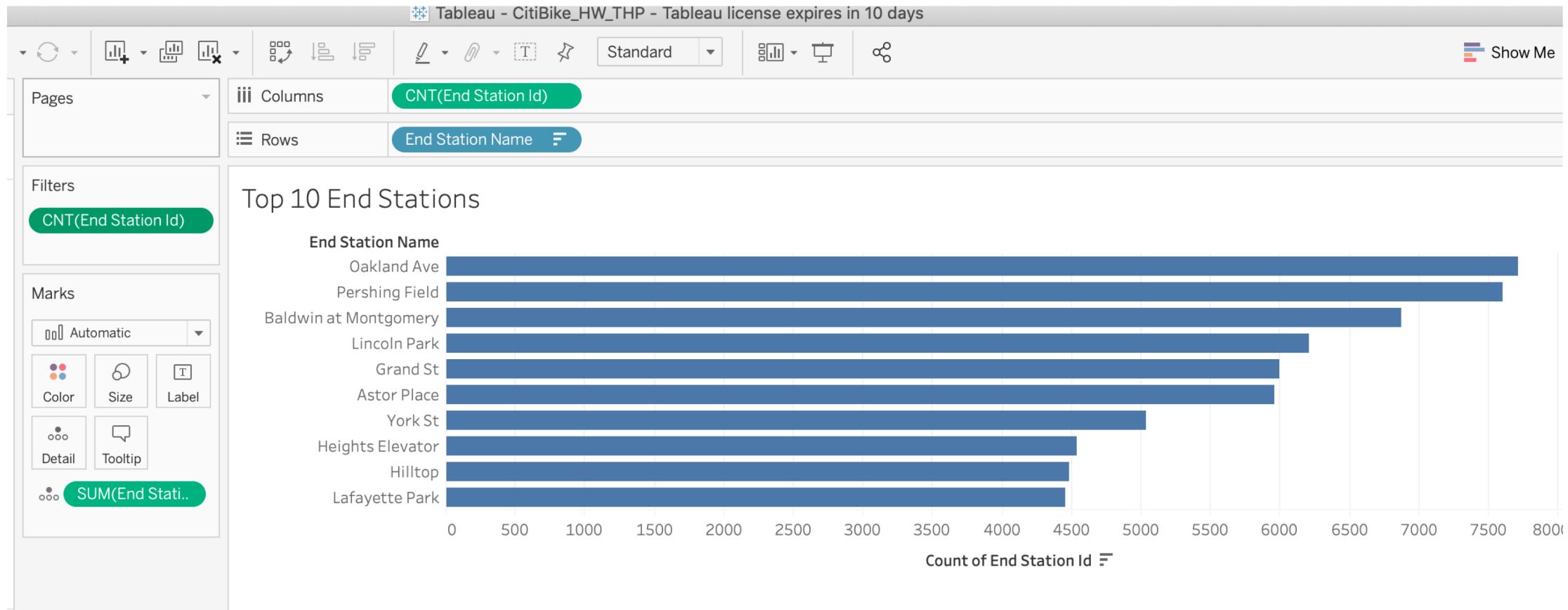
- The following results were analysis of NY Bike data from Jun 2017-May 2019 (24 months period)
- There were 594,471,900 trips during period
- Here are some of the highlights of the results

Gender breakdown of active bike users

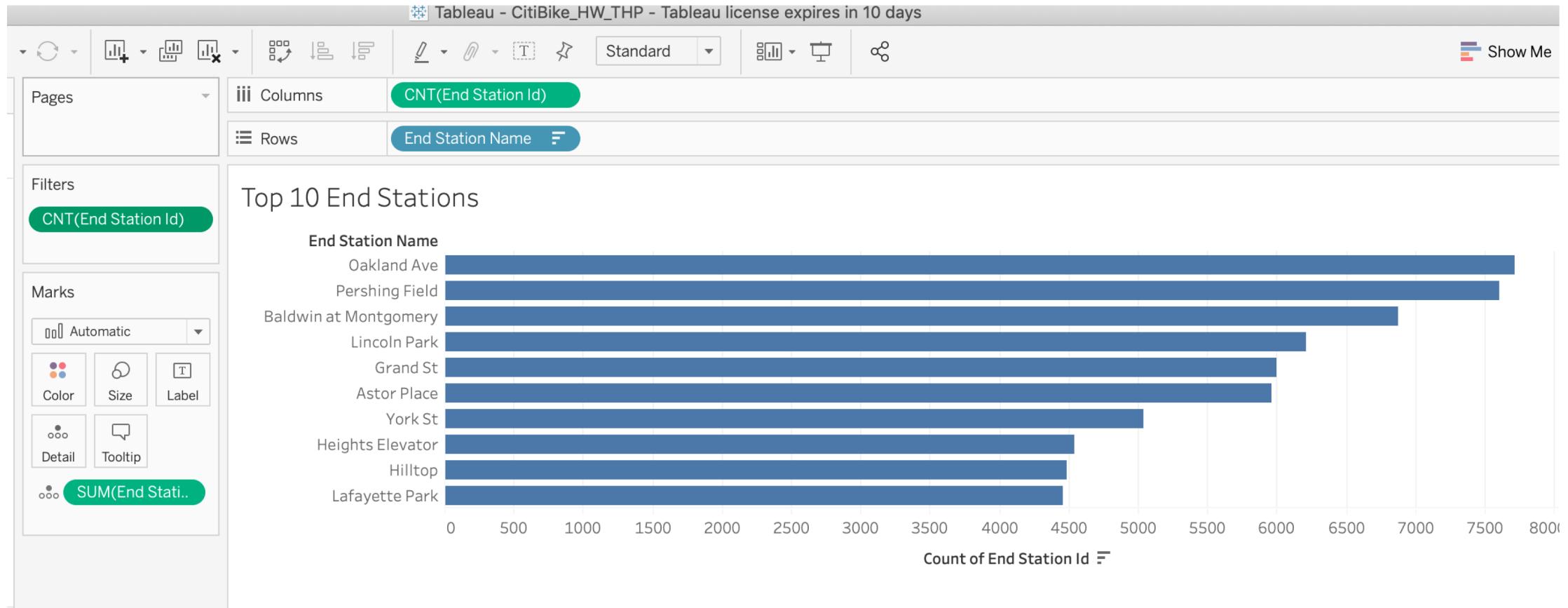


Conclusion: there are more males than females using Bikes

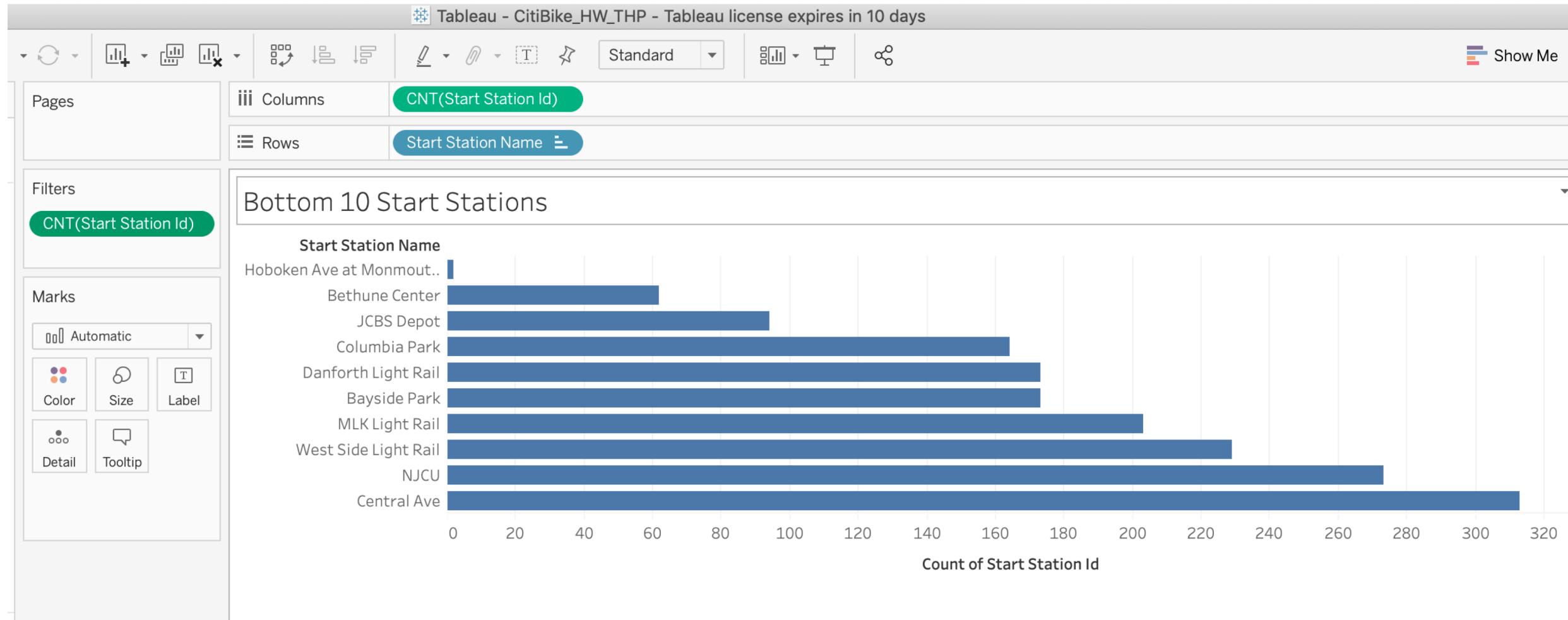
Top 10 End Stations of Bike Journeys



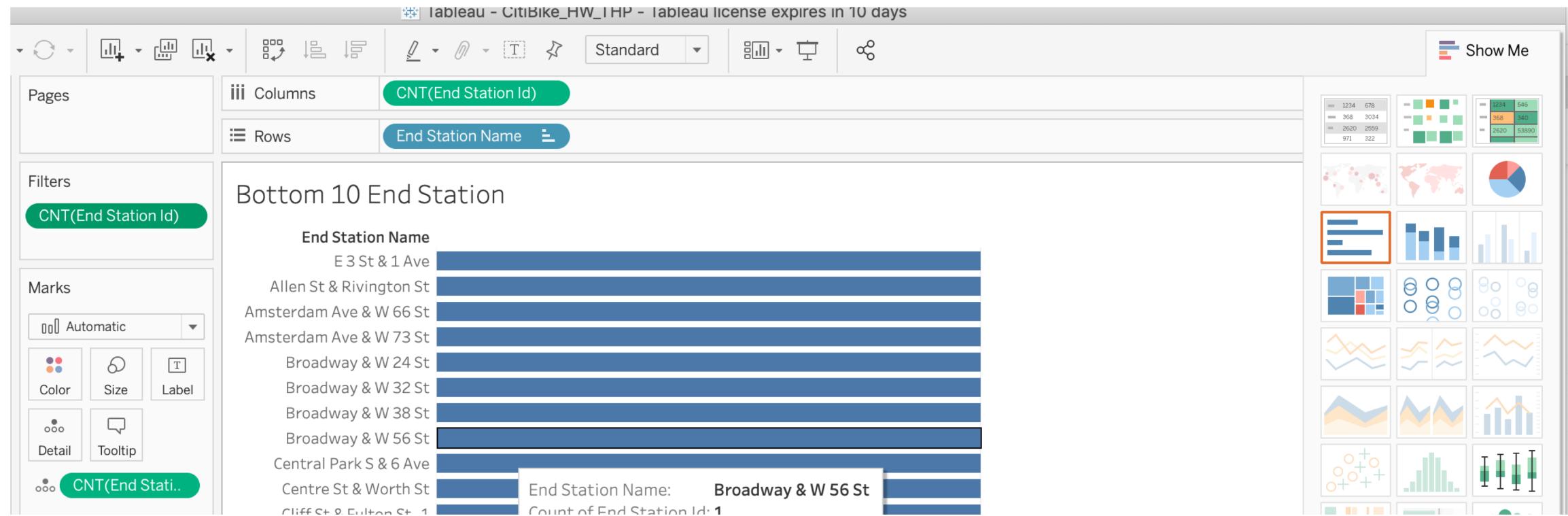
Top 10 Start Stations of Bike Journeys



Bottom 10 Start Stations of Bike Journeys



Bottom 10 End Stations



Total numbers of Trip during this period

Columns

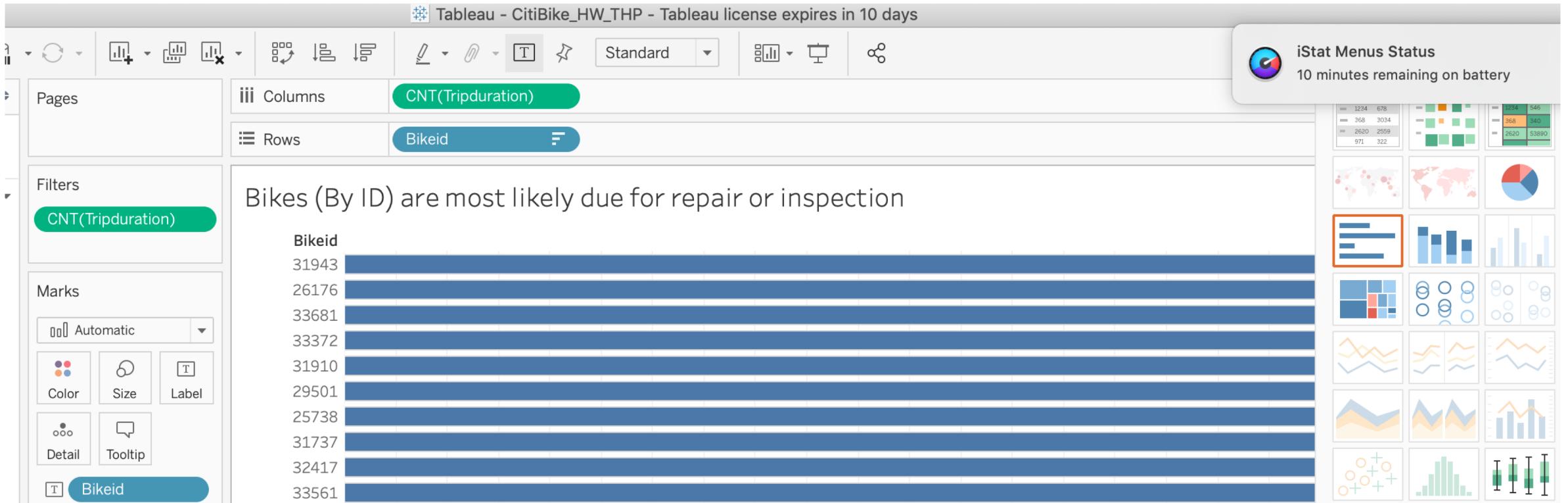
Rows

Total Trips Recorded for this choosen period

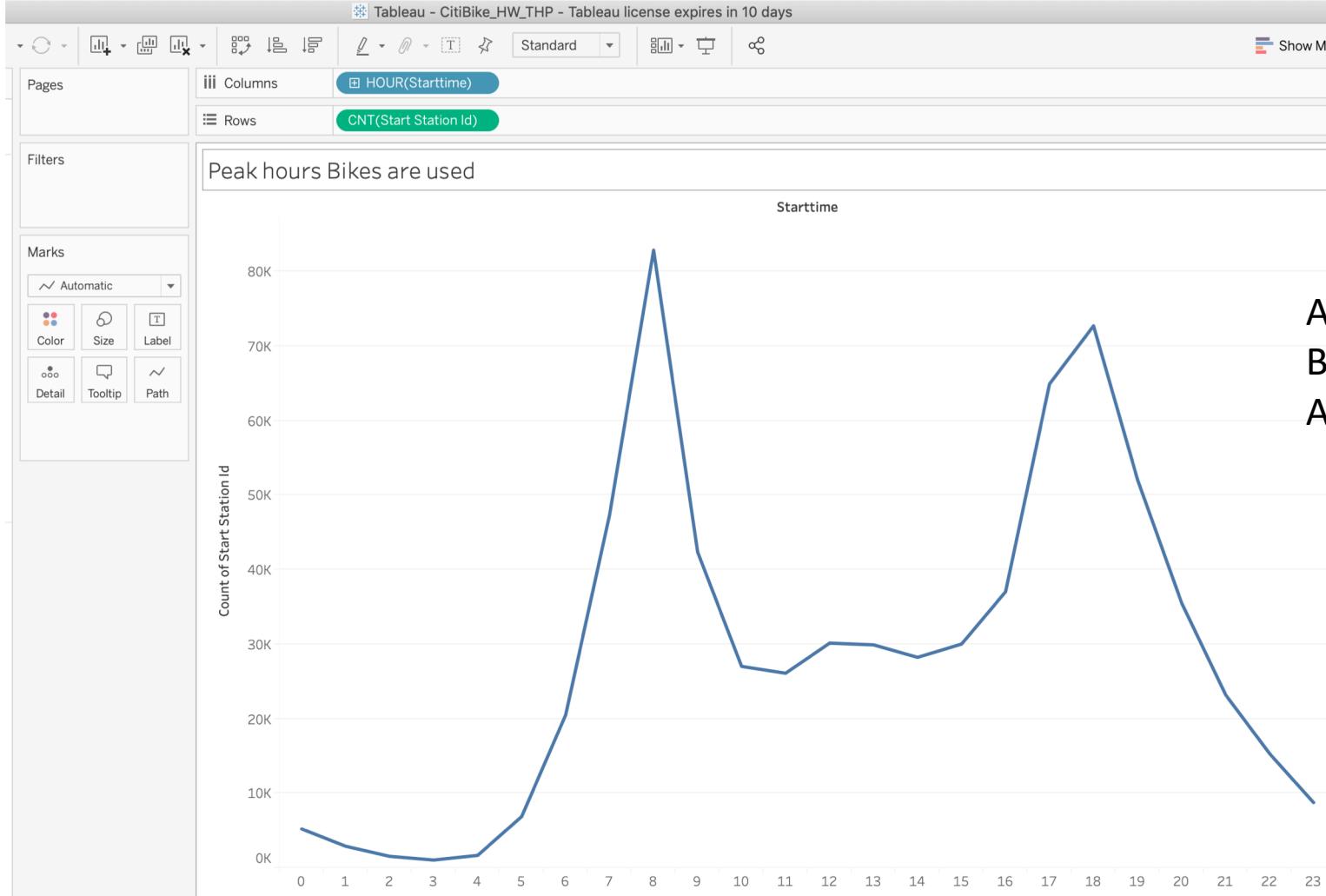
Abc

Tripduration: **594,471,900**

Mostly like be repaired or replaced by Bike (ID)

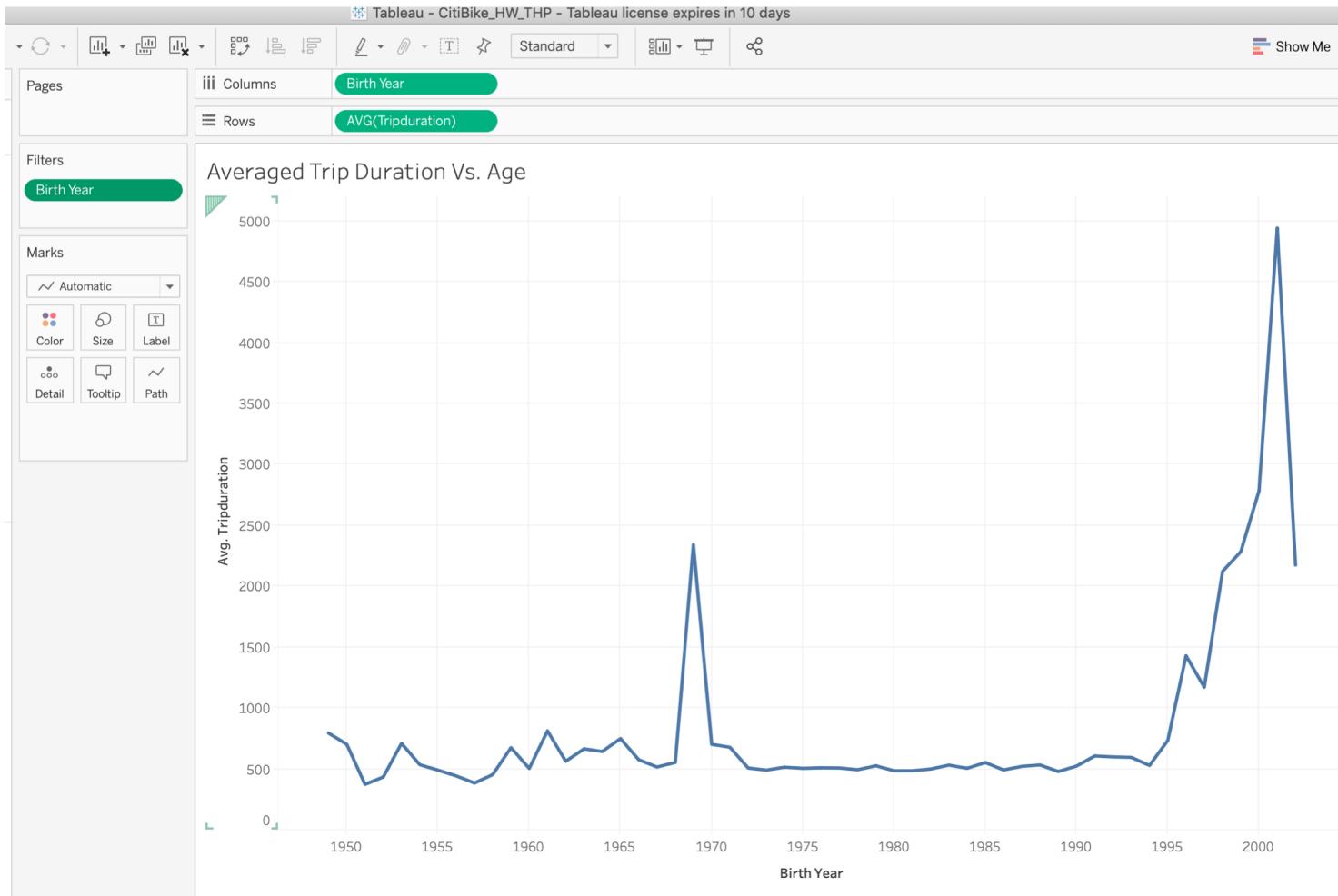


Peak hours Bikes are used



As expected peak hours of Bike usages are 6-8 and 4:30-6:30, which Are the times for going to and from work

Ages vs Trip duration



It seems that there are two
Popular age range: 47 yo and
20 yo are the most active ages
with highest trip duration

Variable of utilization of TripID

