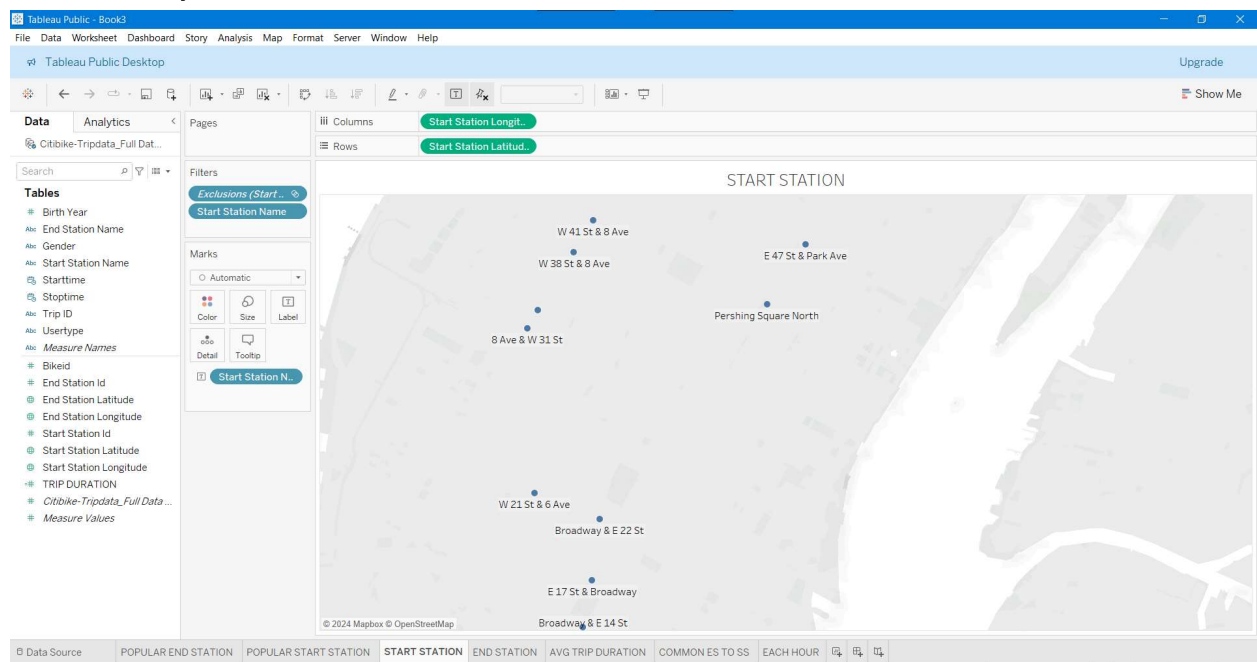


TABLEAU PROJECT

PART - 1: Citi Bikes

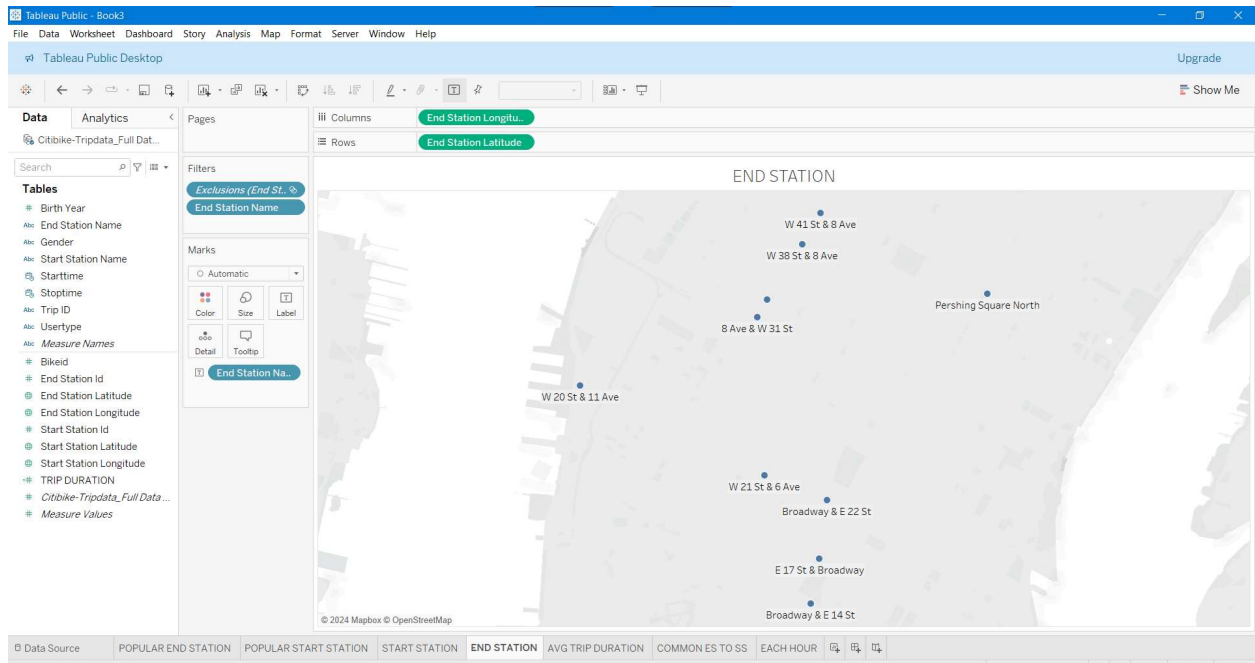
Q1) Most popular start and end stations

1. First, I added the start station latitude and longitude to row and column. I removed the NULL values from them and changed them from AVG to DIMENSION.
2. Then I added Start Station Name to FILTERS, and added the Top 10 criteria by Trip ID and Count.
3. Finally, I added Start Station Name to Labels.



Top 10 Start Stations

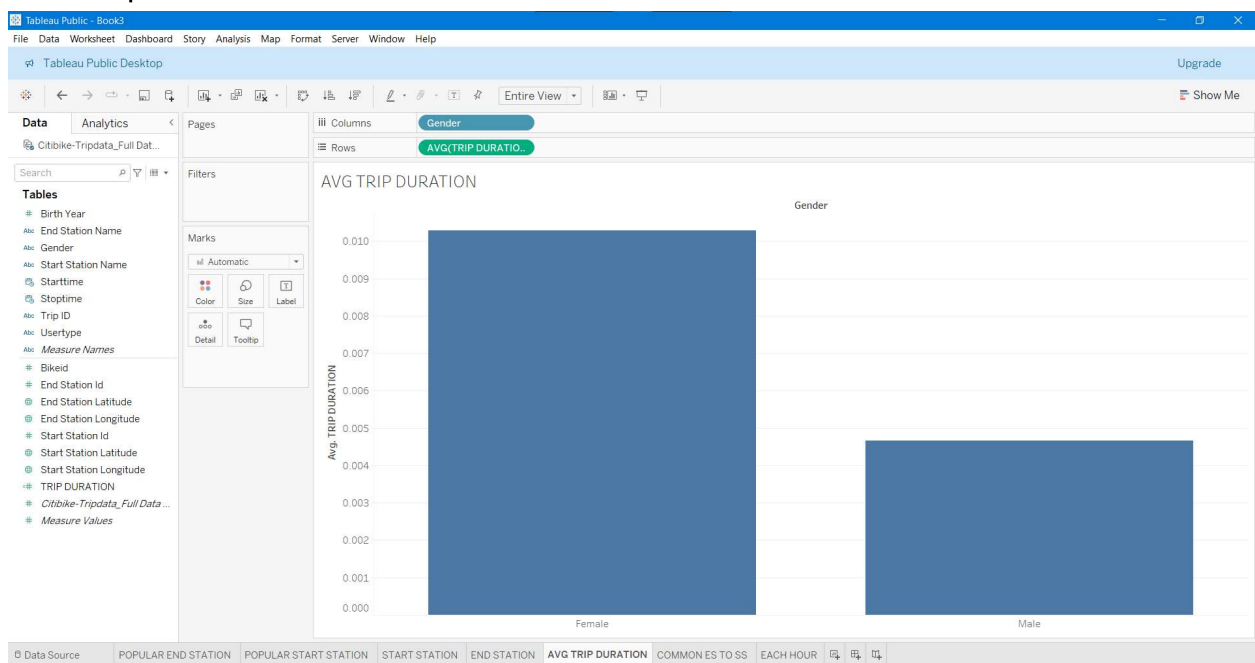
4. First, I added End station latitude and longitude to row and column. I removed the NULL values from them and changed them from AVG to DIMENSION.
5. Then I added End Station Name to FILTERS, and added the Top 10 criteria by Trip ID and Count.
6. Finally, added End Station Name to Labels.



Top 10 End stations

Q2) Average Trip Duration, Based on Gender

1. First of all, I created a Calculated field and named it TRIP DURATION. The formula was $STOP\ TIME - START\ TIME$.
2. Then I added TRIP DURATION and GENDER to row and column. I changed the trip duration to AVG.

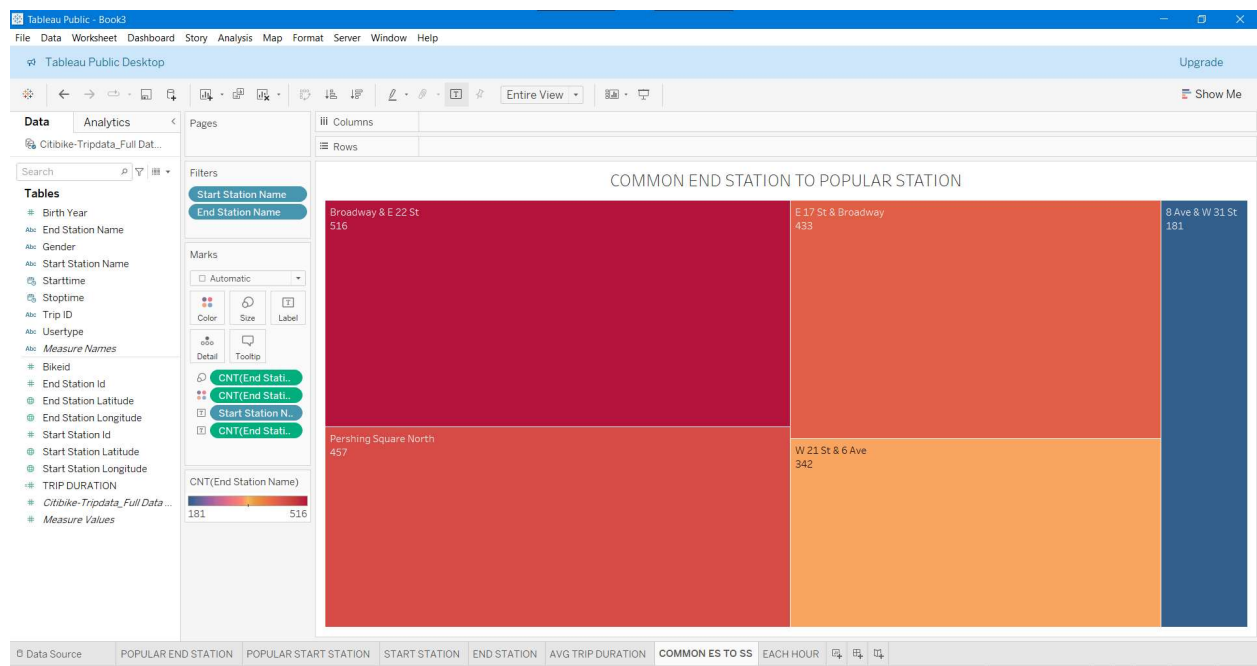


1)Female

2)Male

Q3) Common End Stations on Popular Start Stations

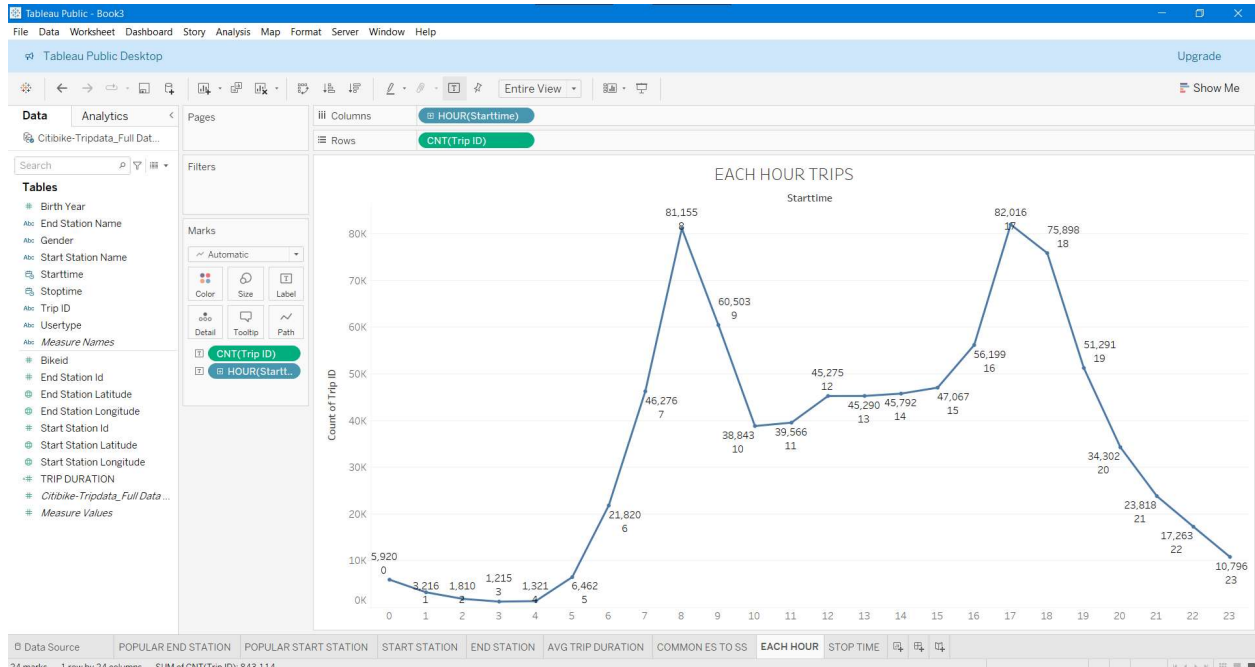
1. First, I added the Start Station Name to the row and removed the NULL values from them.
2. Then I added Start Station Name to FILTERS, and added the Top 10 criteria by Trip ID and Count.
3. I added End Station Name to the column and removed the NULL values from them.
4. Then I added End Station Name to FILTERS, and added the Top 10 criteria by Trip ID and Count.
5. I clicked on the SHOW ME Option and selected TREEMAP. I also changed the color theme and added Labels.



Common End Stations to Popular Start Station

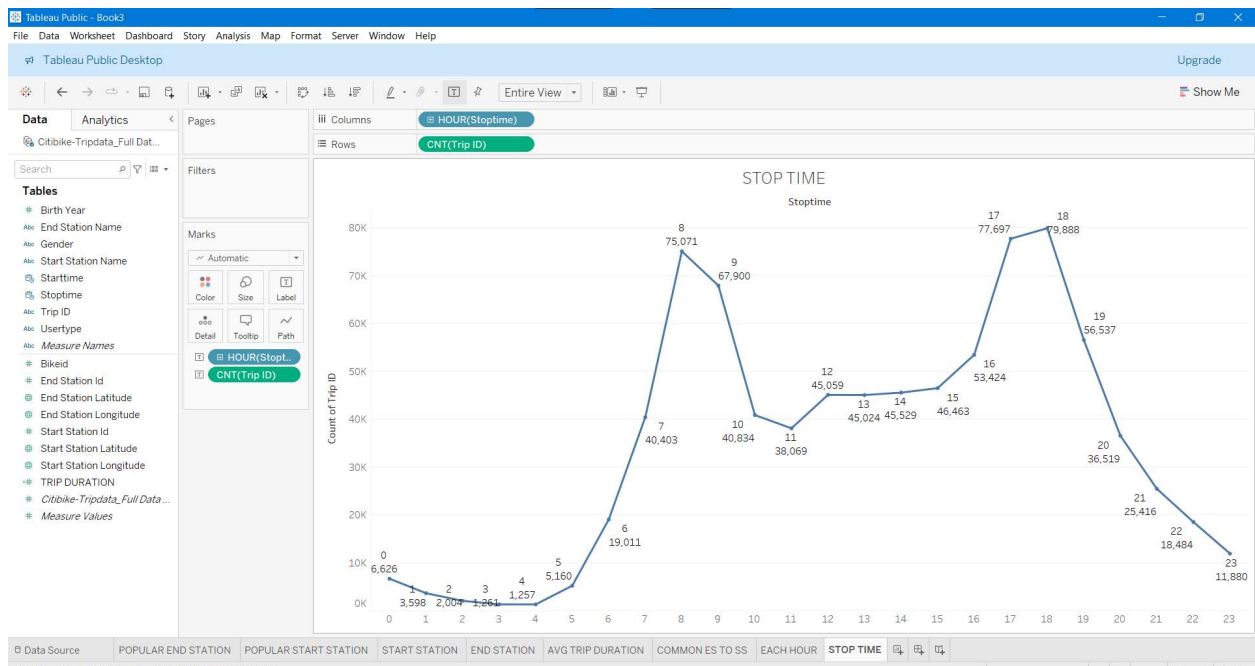
Q4) Distribution of Trips for Each Hour of the Day

1. Initially, I added Starttime to Column and changed it to Hours instead of Year.
2. Further, I added Trip ID to Row and changed it to COUNT.
3. Then I added Label to the graph.



Start time (each hour)

4. In the Second part, I added Stoptime to the Column and changed it to Hours instead of Year.
5. Further, I added Trip ID to Row and changed it to COUNT.
6. Then I added Label to the graph.



Stop time (each hour)