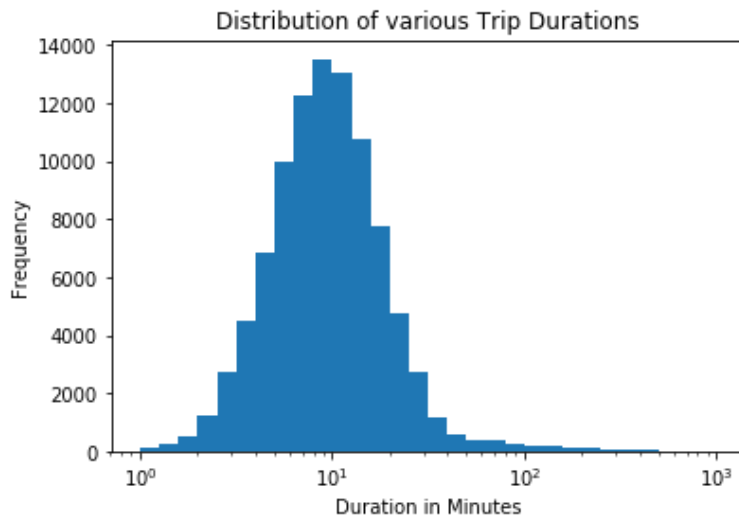


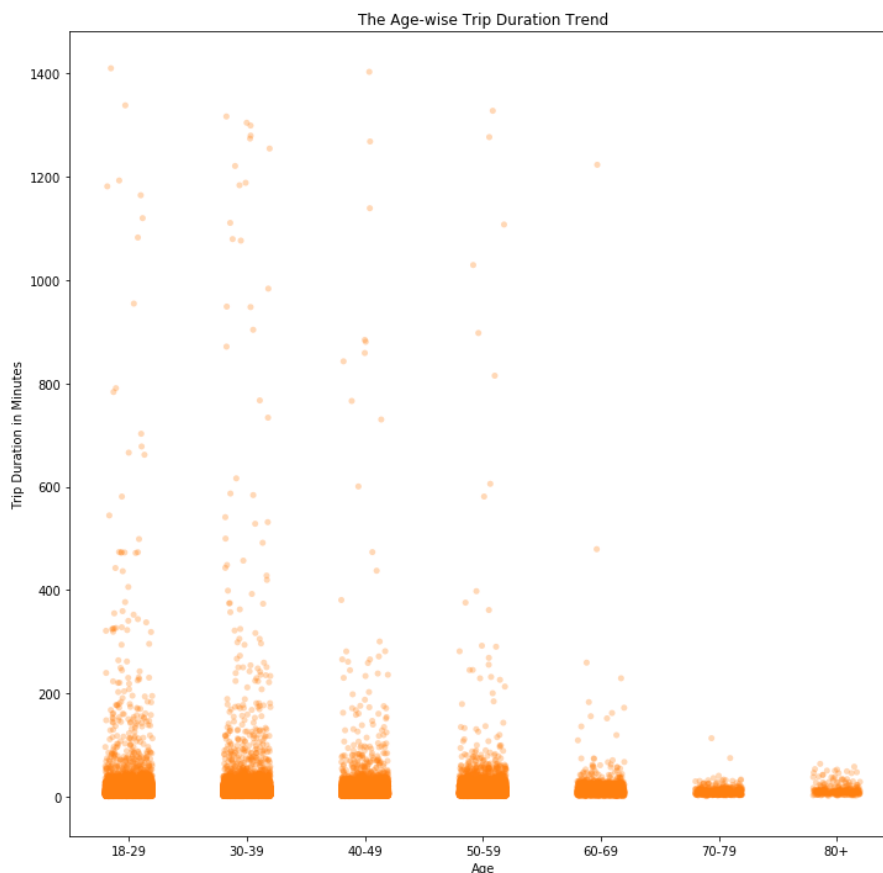
## Ford GoBike data

This dataset includes information about individual rides made in a bike-sharing system covering the greater San Francisco Bay area for the month of January.

### Exploratory Data Analysis

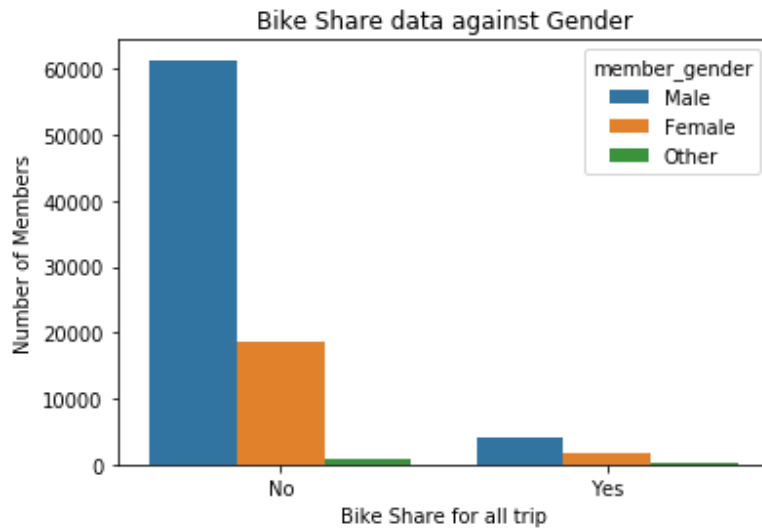


- Most people like to go for short trips of about 10 mins.
- From the descriptive statistics we know that the mean duration is 14 mins.

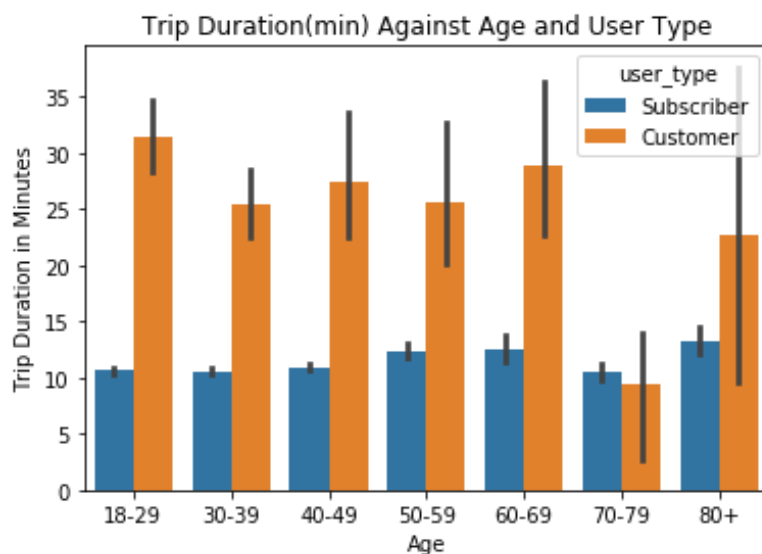


In order to analyze this I grouped the member ages together in a new column called *agerange*.

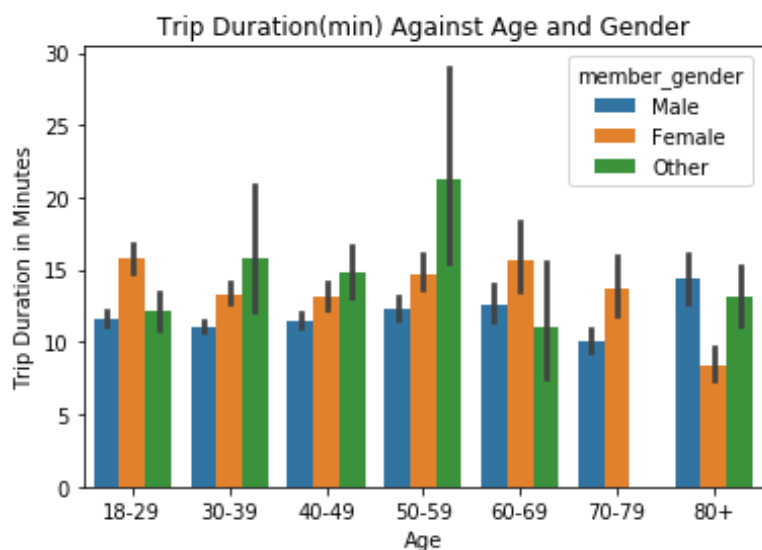
- With Increasing age the duration of trip decreases, as it is expected.
- Between 18- 29 and 30-39 the trip durations and the number of trips is higher.



- In general members are more likely to not share their trip data. Also, more Males share their data than Females.



- Customers in almost all age groups have longer trip durations than subscribers.
- The only exception being between the ages 70-79 where subscribers have slightly higher trip duration.



- In almost all age groups Females have longer Trip duration's than males. The exception being in 80 +.