EXPLORING A DATASET

~DHRUVAL PATEL

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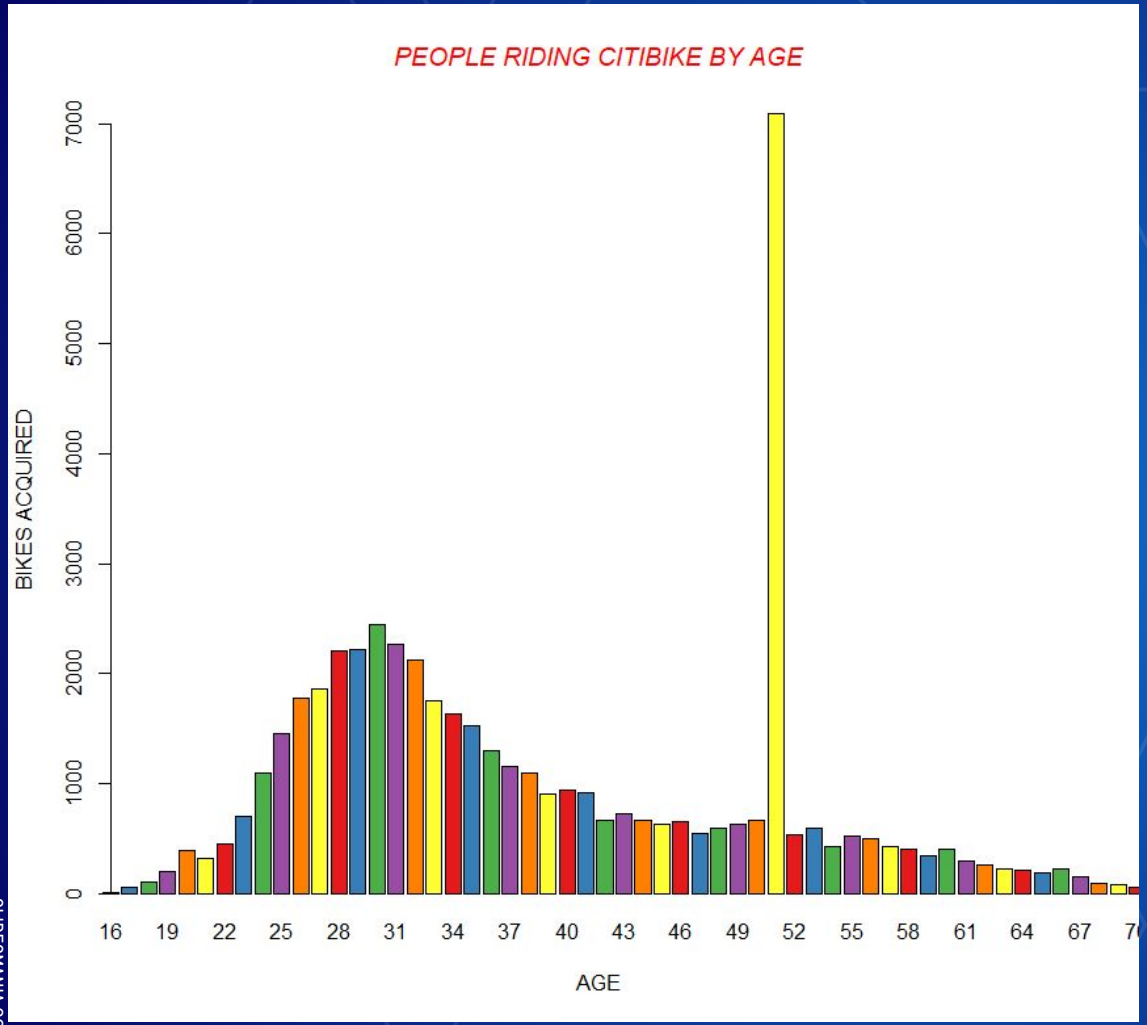

This barplot was used to determine what type of age group uses our citi bike the most. We found that people of age 51 does the highest amount of usage, as well as we see a increasing curve from age 25-31. This two age group can be considered as people working in the city and people who came to explore city uses majority of our bike. We can use this data to make more bike available to areas where majority of companies are located in the city. Also, we can make more bikes available at tourist spots, so that they will have can give priority to our bikes than taxis.

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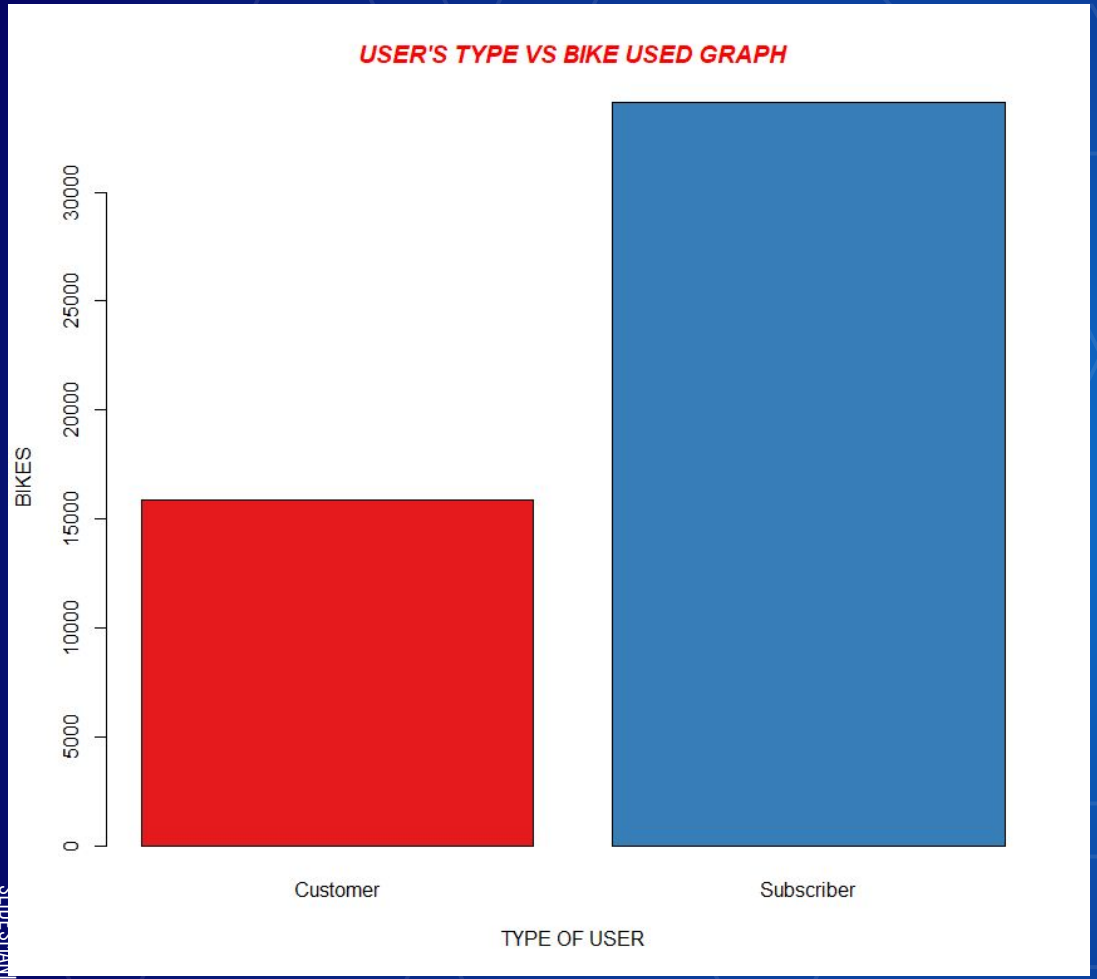

This barplot describes the of users that uses our bike. We can definitely see that our subscribers have the most amount of usage than the random customers. We should make a plan that can work in adding more people to our Subscribers list and provide some deals that makes them attracted towards us and will be beneficial for us later. Once they are attached with our Subscribers plan,from our data we can tell that there is high chance that they will be attached to us and use our citi bike.

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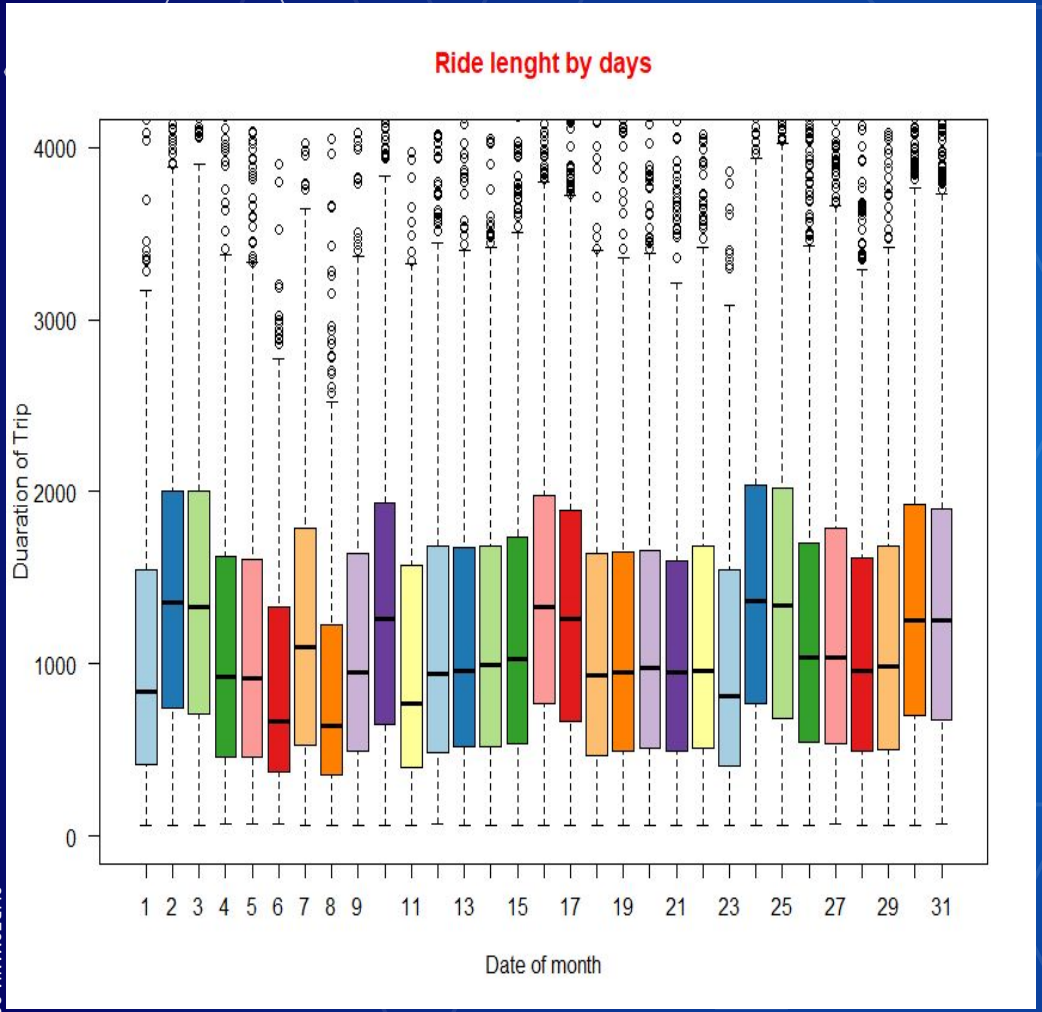

We can use this data to make an adjustment of location by moving more amount of bikes at tourist spot's from other areas. This boxplot was used to study which date in a particular month had the majority amount of usage. We almost have same amount of total distance covered over weekends with outliers but when we see the boxplot of weekends, we have comparatively more data of distance covered which means people coming for tourism on weekends are using our citi cycles. We are aware that working class have off on weekends and majority of people at weekends comes to explore the places.So we can move more bikes at tourist spots to increment the usage of our cycles.

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Thank you!

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