Overall plots of Bike data throughout the months of Mar, Apr, May and June

Trip\_count -- This chart refers to the total number of records in the city\_bike\_combined.csv

Ridership – This chart refers to the total ridership growth is high on Jun 13th with 89,690 count.

Trip\_count\_by\_hour – The highest demand were during commute hours , roughly around 8 am in the morning and 5-6 pm in the evening. Demand reached close to zero from 3-4 am as people rarely use bike in late night/early hours.

Gender\_breakdown – City Bike users are mainly Male.

Top10 starting/ending stations – 12th Ave & W 40 St was the most popular station for starting and ending a journey followed by West St & Chambers St.

Bottom10 starting/ending stations – Lists of stations shown in the charts were least popular locations for starting and ending a journey.

Average distance ride – 1,534 miles

Bikes due for repair – From out trip data , it appears that bike 30627has been used the most by city bike users. Hence, its most likely due for inspection and repair when needed.

Aaverage trip duration by age – The average trip durations seems to be more in the people whose birth year is 1909.

Bike utilization by id - The bike with id 36552 seems to be most utilized bike.