

Analysis of Bike Share Data in Chicago

The goal of this project is to investigate and understand the patterns and trends of bike-sharing system to understand the factors that influence the trip duration and the most common stations.

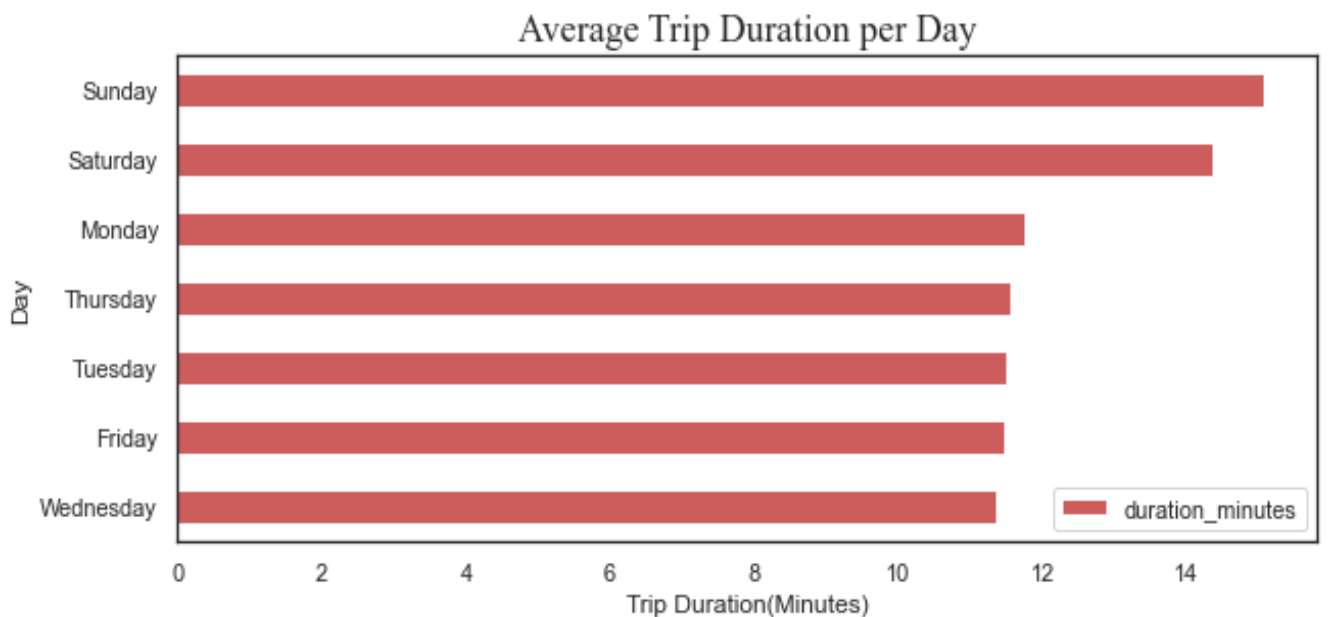


Figure1.1: AVG Trip duration per day

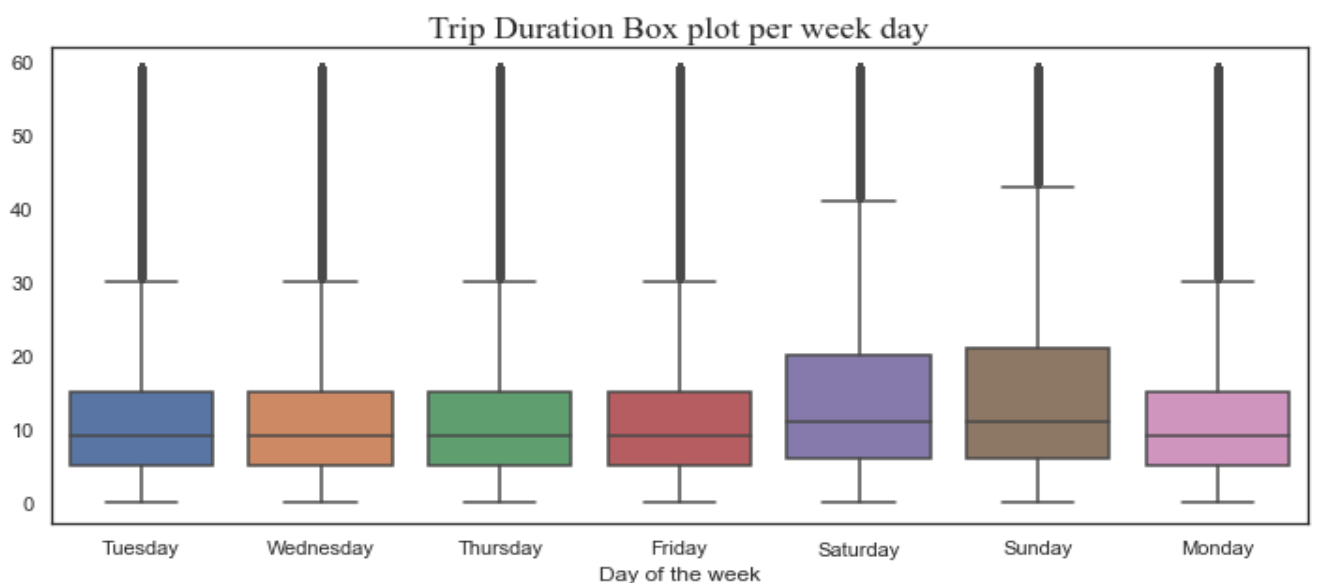


Figure Error! No text of specified style in document.2: Trip Duration stats

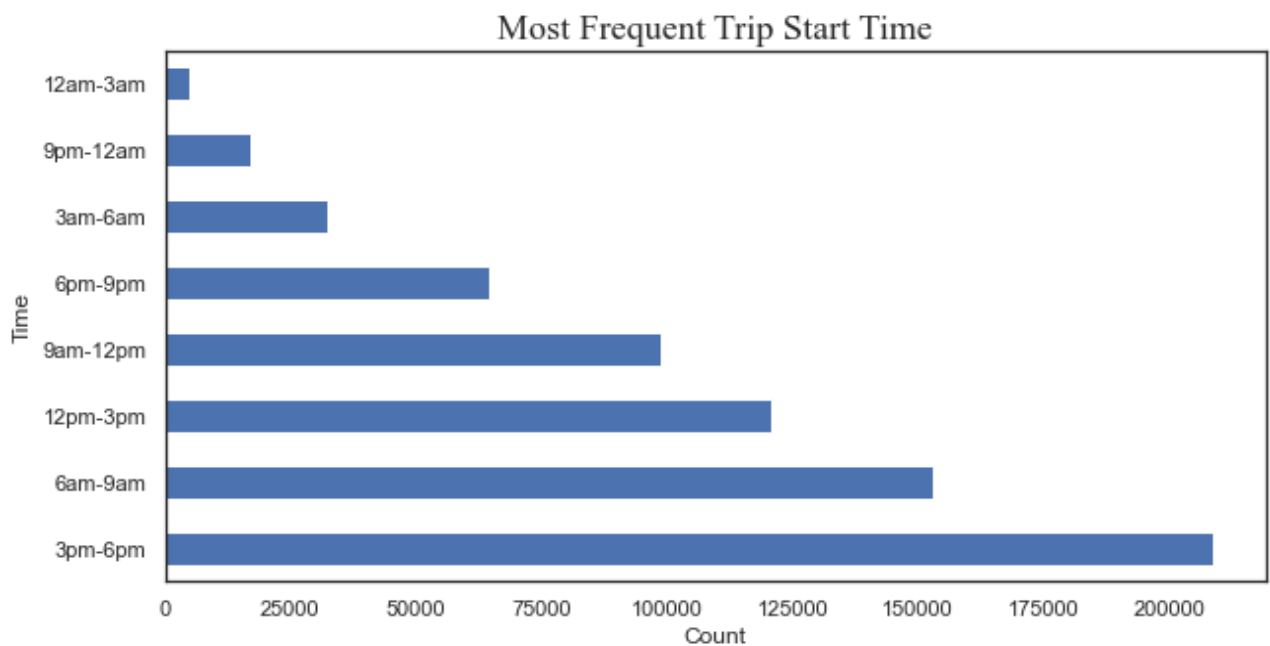


Figure1.3: Peak Hours

Several Kinds of visualizations will be used in the EDA to explore our data, univariate, bivariate and multivariate visualizations will help us in our mission to search for evidence and facts that we could provide for the company to increase its profit and get a bigger market share.