# Automatidata: data visualization

Revenue and trip lengths of taxis

The main goal of this project is to visualize data such as: trip length, number of trips depending on month and weekday. In order to do so the first step was to clean the data of missing values and faulty outliers. Second step was to visualize the data by using professional tools such as python and Tableau.

Details

Key Insights

Vast majority of people take a trip of less than 2 miles. The cost of most of them fall between 5$ and 15$. Number of rides is mostly consistent throughout the entire year with notable dips seen in February, July and August. Mondays and Sundays usually have the least number of rides while Wednesday has the most.
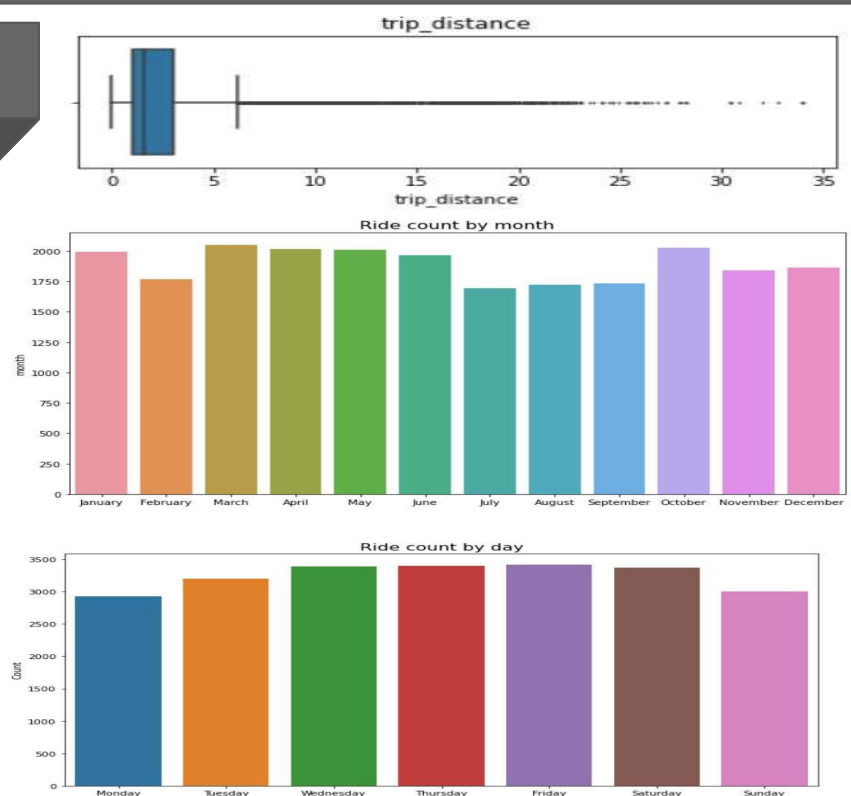
Next Steps

Best way to adapt to these results would be to actively change number of available taxis depending on current demand. In months with the least number of rides number of taxis should be slightly reduced, same goes for weekdays. By doing so upkeep cost can be reduced.