



NYC Green Taxi Trip Analysis - March 2022

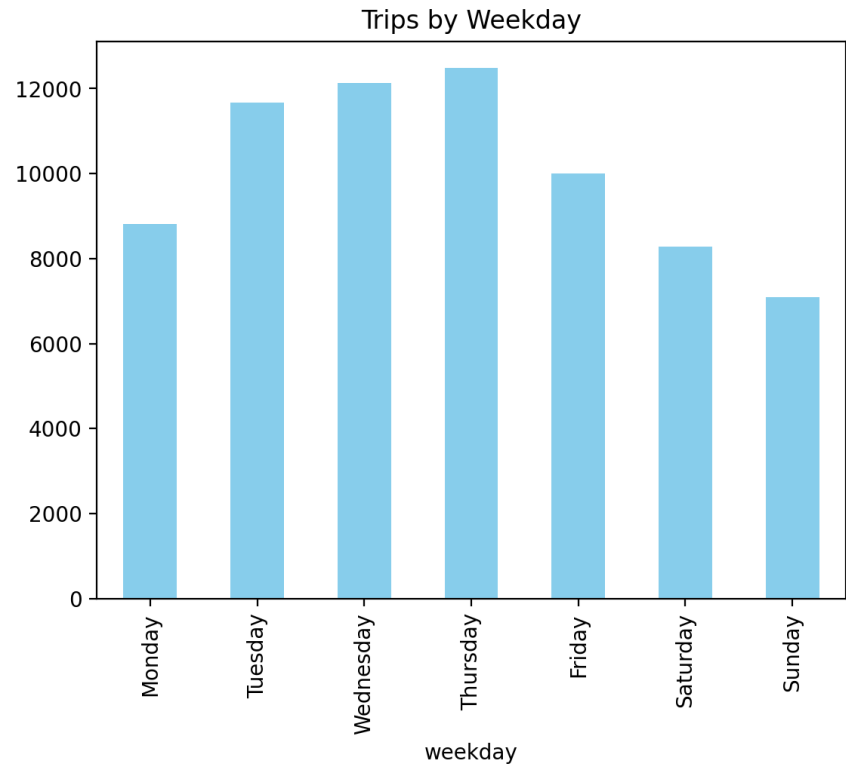


Key Metrics

Total Trips	Avg Duration (min)	Avg Distance (mi)
75	11.39	3.33



Visualizations



Filter Trips

Select Weekday

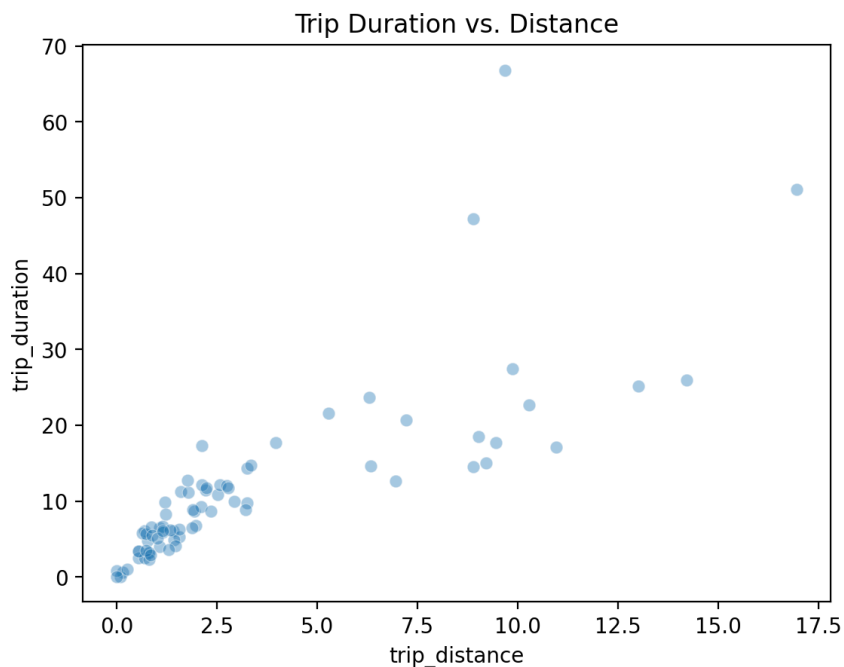
Monday



Select Hour

1





Predictive Modeling

Run Regression Models

Linear Regression

R2 Score: 0.819, RMSE: 4.68

Decision Tree (max_depth=10)

R2 Score: -0.476, RMSE: 13.37

Random Forest

R2 Score: 0.856, RMSE: 4.18

Gradient Boosting

R2 Score: 0.853, RMSE: 4.22