Project Bash
Car Price Prediction

Data from *CarPrice_Assignment.csv* was split into 80% for train data and 20% for test data. The data was encoded using Label Encoding and OneHot Encoding. All the data except one hot encoded data was then standardized using StandardScaler.

Random Forest regressor model with *n_estimators 45, max_dept 6 and max_leaf_nodes 35* gave an accuracy of 0.988 on training data and 0.915 on test data. Below are predicted price and actual price of few data.

Prediction , Actual

7272.34790069 , 7999.
 6714.83860754 , 6669.
 7036.10928172 , 6338.
 6996.07154864 , 8916.5
 9560.27841374 ,10295.
 29113.74888889, 25552.
 7022.21002653 , 8249.
 5925.05142285 , 5151.
 6885.14238126 , 6488.
 9773.66577421 , 10245.