Assignment 5 Report

The data set we used was from Kaggle, titled *Car Price Prediction Multiple Linear Regression*. It consists of 24 attributes, and then shows the prices of cars using RFE and VIF.

Regarding preprocessing steps, the only step taken was splitting up the given dataset into two, 80% for training and 20% for testing our mode.

Evaluation Metrics: Training Dataset

MSE	0.005196795634260527
MAE	0.051782985818853176
R^2	0.8407474580553015
Max Error (scaled)	11001.393961424339

Evaluation Metrics: Test Dataset

MSE	0.005261080054860548
MAE	0.045576527915481425
R^2	0.767114734263412
Max Error (scaled)	12059.902601981825