PREDICTION OF CAR PRICE

DATA ACQUISITION

- Data is gathered from Kaggle(https://www.kaggle.com/CooperUnion/cardataset).

- It has data about the model, make, year of make, Horsepower, type of vehicle, mpg, popularity , and price of the vehicle.

- Data has 11914 records with 16 parameters.

- Data ranges from the year 1990 – 2017

PROBLEMS

- Performing a EDA of the dataset in order to understand the dependent and independent variables and also understanding the features of the dataset

- Creating visualizations for the spread in models, manufacturer, horsepower, etc

- Performing correlation analysis and finding the highly correlating feature

- Predicting the price of cars based on horsepower

SOLUTION

- Visualizations of price distribution, yearly popularity sales, engine displacement to price, and trend of mpg across the years for the price of each vehicle category.

- Prediction model for price of the manufacturer.

- Prediction of popularity based on the manufacturer and year.