

TOYOTA



Used Car Price Prediction

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Agenda

Data Cleaning

Price - Only kept the mean price + 2 standard deviations

Mileage - Only kept the mean mileage + 2 standard deviations

Years only included 2013-2020

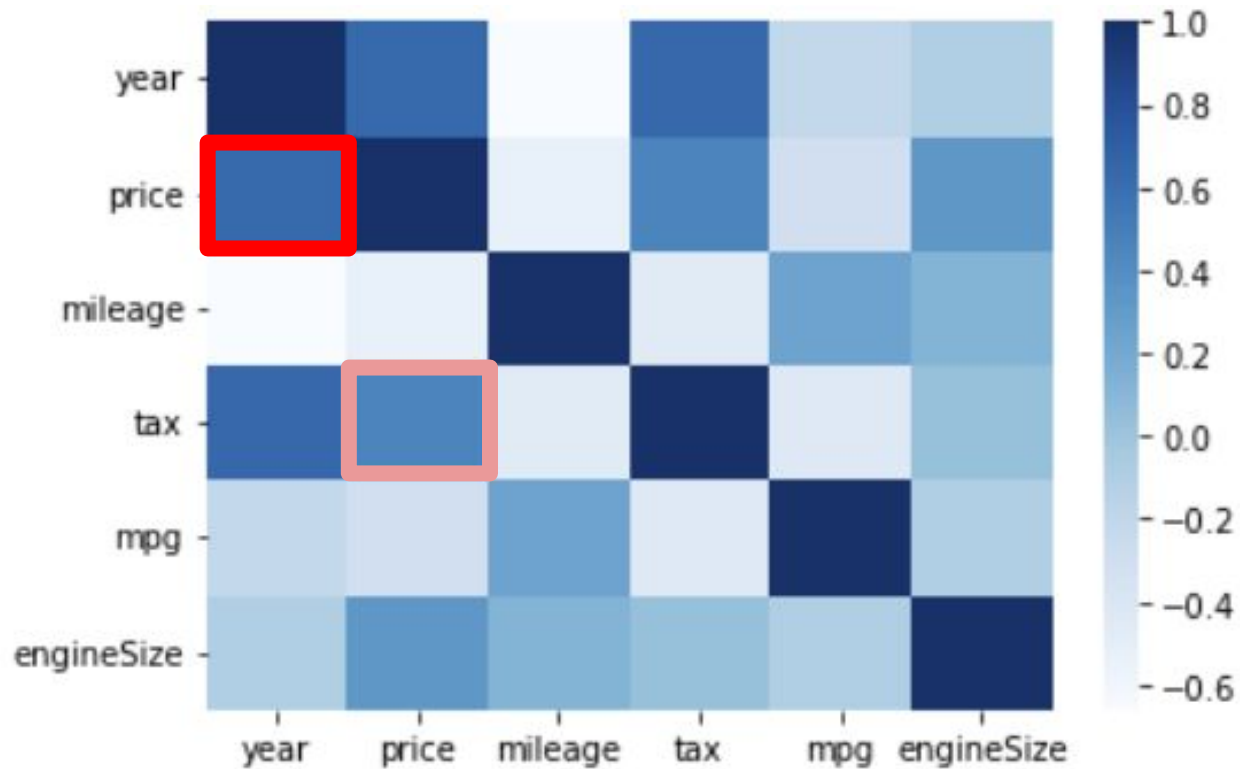
Models- only kept Aygo, Yaris, Fiesta, Focus

Engine size not equal to 0

Overview of our Data

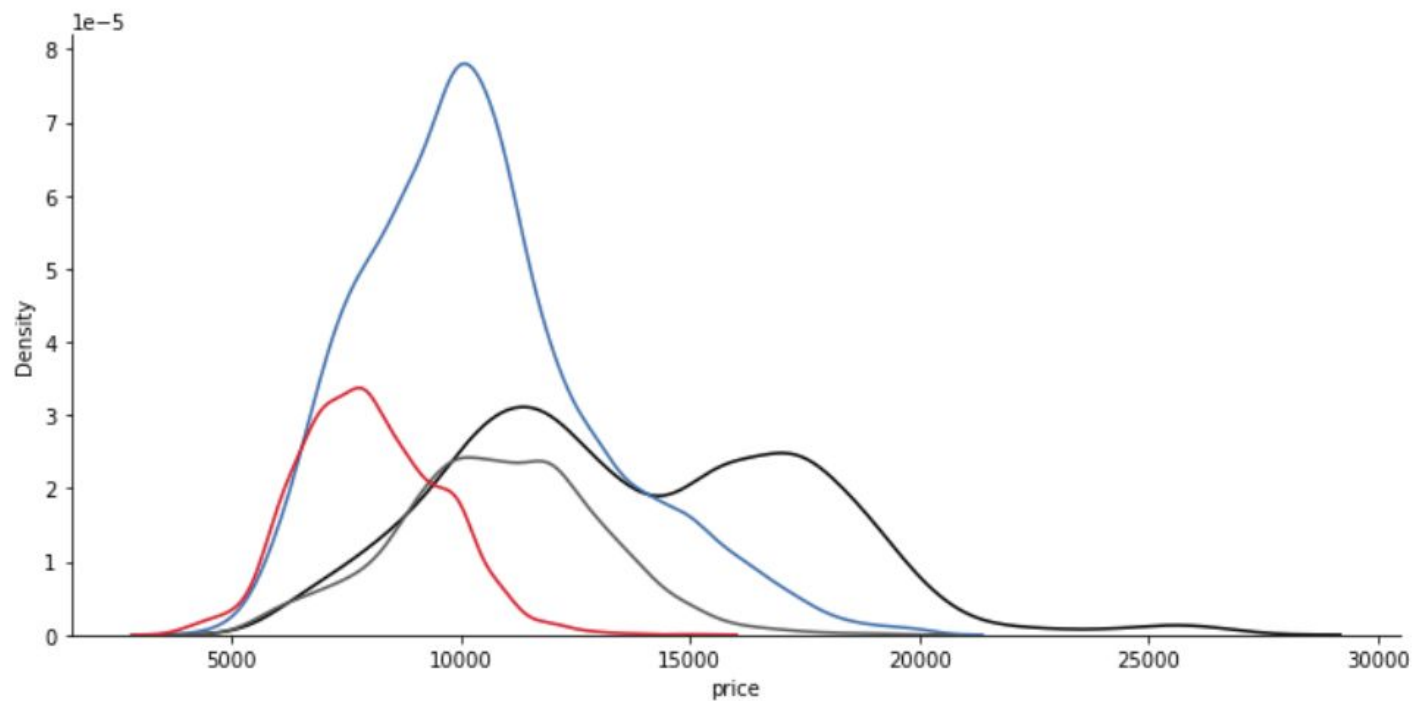
- Obtained from Kaggle.com
- Contains web-scraped data on 1000,000 used cars divided into csv based on brands (i.e. Toyota, Ford).
- Purpose was to help others determine how much to sell used car based on market price
- The data set contains mostly clean data with variables such as Price, mileage, mpg, year of model, and engine size.

Corrs of our Data

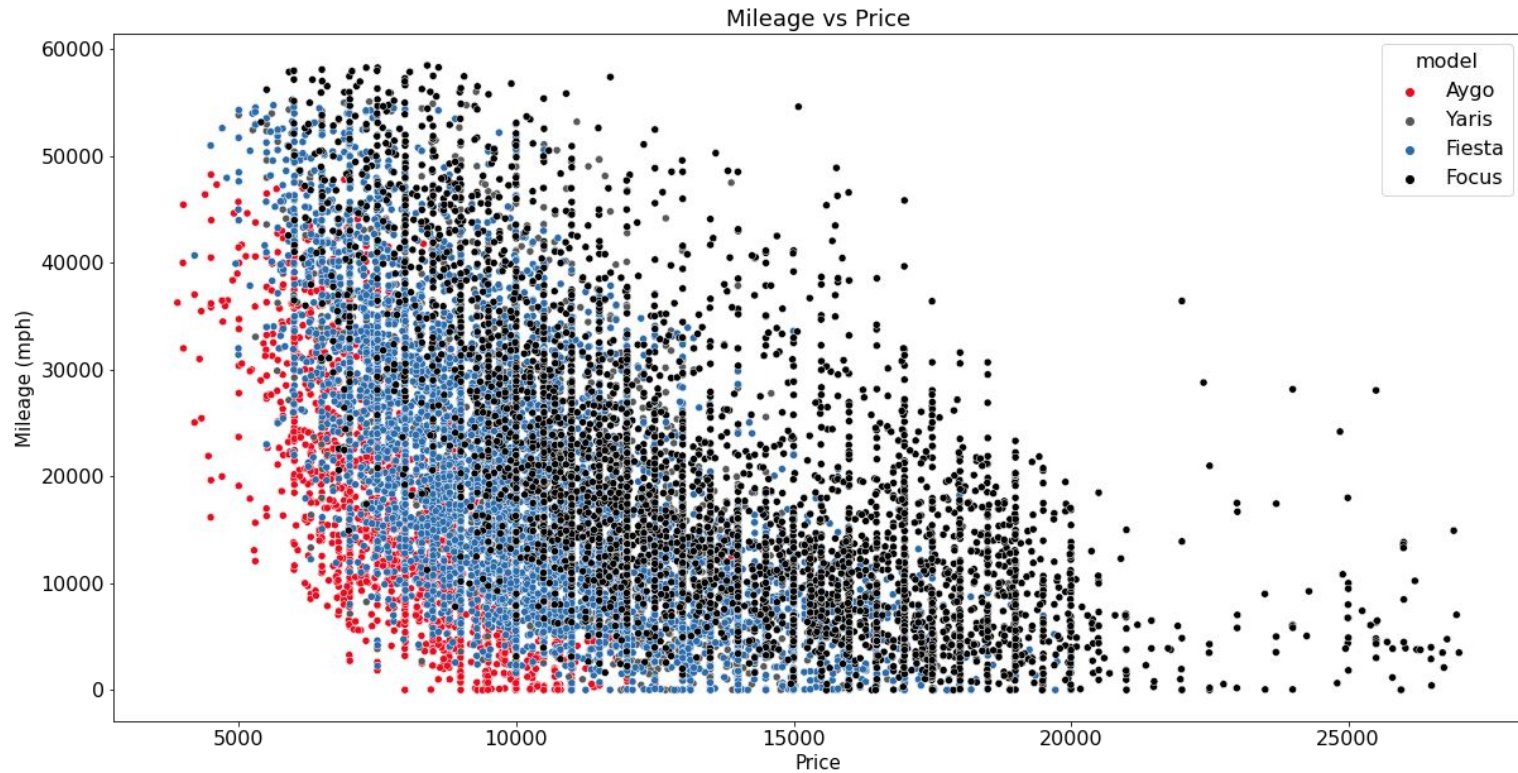


Shape of Price

Price vs Model



Price vs Mileage



Price vs Model-Pear Plot

Shape of Mileage

Mileage vs Price

Regression Price vs Year

The r-value is: 0.6506623276393552

