

Predicting-MPG

This project is about predicting mpg of a car based on different variables using linear regression. Variables that are available in the data set are

1. mpg: continuous
2. cylinders: multi-valued discrete
3. displacement: continuous
4. horsepower: continuous
5. weight: continuous
6. acceleration: continuous
7. model year: multi-valued discrete
8. origin: multi-valued discrete
- 9.

You can read more about the data set at auto-mpg.names file present in the project

auto_mpg.csv

auto_mpg.csv file contains all the data that is used to predict the mpg values.

Problem Statement

In this project you will investigate the impact of a number of automobile engine factors on the vehicle's mpg. The dataset auto-mpg.csv contains information for 398 different automobile models. Information regarding the number of cylinders, displacement, horsepower, weight, acceleration, model year, origin, as well as mpg are contained in the file.

Your model will help the automotive team predict **mile per gallon** based on variables stated above.