

Data Dictionary

Description: A data frame with 392 observations on the following 9 variables. The original data contained 408 observations but 16 observations with missing values were removed.

Source: This dataset was taken from the StatLib library which is maintained at Carnegie Mellon University. The dataset was used in the 1983 American Statistical Association Exposition. mpg has been modified from numeric to binary categorical for instructional purposes in PSY 752 (Introduction to Applied Machine Learning)

Variables:

mpg

Classification of efficiency (high or low) relative to median miles per gallon among observations

cylinders

Number of cylinders between 4 and 8

displacement

Engine displacement (cu. inches)

horsepower

Engine horsepower

weight

Vehicle weight (lbs.)

acceleration

Time to accelerate from 0 to 60 mph (sec.)

year

Model year (modulo 100)

origin

Origin of car (1. American, 2. European, 3. Japanese)

name

Vehicle name