**About Dataset**

**Context**

The data is technical spec of cars. The dataset is downloaded from UCI Machine Learning Repository

**Content**

1. Title: Auto-Mpg Data
2. Sources:  
   (a) Origin: 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.  
   (c) Date: July 7, 1993
3. Past Usage:
   * See 2b (above)
   * Quinlan,R. (1993). Combining Instance-Based and Model-Based Learning.  
     In Proceedings on the Tenth International Conference of Machine  
     Learning, 236-243, University of Massachusetts, Amherst. Morgan  
     Kaufmann.
4. Relevant Information:

This dataset is a slightly modified version of the dataset provided in  
the StatLib library. In line with the use by Ross Quinlan (1993) in  
predicting the attribute "mpg", 8 of the original instances were removed  
because they had unknown values for the "mpg" attribute. The original  
dataset is available in the file "auto-mpg.data-original".

"The data concerns city-cycle fuel consumption in miles per gallon,  
to be predicted in terms of 3 multivalued discrete and 5 continuous  
attributes." (Quinlan, 1993)

1. Number of Instances: 398
2. Number of Attributes: 9 including the class attribute
3. Attribute Information:
   * mpg: continuous
   * cylinders: multi-valued discrete
   * displacement: continuous
   * horsepower: continuous
   * weight: continuous
   * acceleration: continuous
   * model year: multi-valued discrete
   * origin: multi-valued discrete
   * car name: string (unique for each instance)
4. Missing Attribute Values: horsepower has 6 missing values

**Acknowledgements**

Dataset: UCI Machine Learning Repository  
Data link : <https://archive.ics.uci.edu/ml/datasets/auto+mpg>

**Inspiration**

I have used this dataset for practicing my exploratory analysis skills.