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)

5. Number of Instances: 398

6. Number of Attributes: 9 including the class attribute

7. Attribute Information:

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. car name: string (unique for each instance)

8. Missing Attribute Values: horsepower has 6 missing values