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UECU, 5th Semester

Cluster Report

K – Means Clustering of cars data into 4 clusters

Here are the details about various clusters:

Cluster 0 : Brand - US, Milage (mpg) - low or mid, Horsepower (hp) - mid to high, Accleartion (Time to 60) - moderate or fast, Engine Displacement (cubicinches) - medium or big, Weight - medium or heavy, Year of Launch - 1971 to 1980, Cylinders - 8

Cluster 1 : Brand - Japan, Milage (mpg) - mid or high, Horsepower (hp) - low to mid, Accleartion (Time to 60) - slow, moderate or fast, Engine Displacement (cubicinches) - small or medium, Weight - medium or light, Year of Launch - 1971 to 1983, Cylinders - [3,4,6]

Cluster 2 : Brand - Europe, Milage (mpg) - low, mid or high, Horsepower (hp) - low to mid, Accleartion (Time to 60) - slow, moderate or fast, Engine Displacement (cubicinches) - small or medium, Weight - Light, medium or heavy, Year of Launch - 1971 to 1983 except 1982, Cylinders - [4,5,6]

Cluster 3 : Brand - US, Milage (mpg) - low, mid or high, Horsepower (hp) - low, mid or high, Accleartion (Time to 60) - slow, moderate or fast, Engine Displacement (cubicinches) - small or medium, Weight - Light, medium or heavy, Year of Launch - 1971 to 1983, Cylinders - [4,6,8]