Make object

Model object

Year int64

Engine Fuel Type object

Engine HP float64

Engine Cylinders float64

Transmission Type object

Driven\_Wheels object

Number of Doors float64

Market Category object

Vehicle Size object

Vehicle Style object

highway MPG int64 ( mpg - miles per gallon )

city mpg int64 ( mpg - miles per gallon )

Popularity int64

MSRP int64 (manufacturer's suggested retail price)

I. Read the dataset and identify the columns and their datatype

II. Describe the given dataset.

III. Dropping irrelevant columns. [Column Names: Engine Fuel Type, Market Category, Vehicle style, Popularity, Number of doors, Vehicle Size] and rename the columns as mentioned below. [1 Mark]

"Engine HP": "HP", "Engine Cylinders": "Cylinders", "Transmission Type": "Transmission", "Driven\_Wheels": "Drive Mode", "highway MPG": "MPG-H", "city mpg": "MPG-C", "MSRP": "Price"

IV. Identify and Drop the duplicate the rows [1 Mark]

V. Drop or impute the missing values after the STEP IV. [1 Mark]

VI. Check the outliers [any one feature] and visualize the same. [2 Marks]

VII. Identify the different drive mode with respect to various make and plot the same. [2 Marks]

VIII. Identify the problem statement and display the performance metrics. [8 Marks]