* **Multiple Linear Regression Implementation using Python Programming :**

**CODE :**

import matplotlib.pyplot as plt

import pandas as pd

import numpy as np

data = pd.read\_csv('/content/MRdata.csv')

print(data)

X = data[['Age', 'Milage']]

Y = data['Price']

plt.scatter(X['Age'], Y)

plt.scatter(X['Milage'], Y)

plt.show()

c = 32.46

m1 = -1.54

m2 = -0.15

Y\_pred = c + m1\*data['Age'] + m2\*data['Milage']

# plt.scatter(X, Y\_pred, color='red')

plt.scatter([min(Y), max(Y)], [min(Y\_pred), max(Y\_pred)], color='red') # Predicted Values

plt.show()

error = Y-Y\_pred

print(error)

sq\_er = error\*error

print(sq\_er)

* **To find the values of ‘c’, ‘m1’, ‘m2’ of any data-set…. You can use the method of Excel or Spreadsheet (*TO KNOW HOW, JUST SEARCH THE WAY TO DO IT OVER THE INTERNET*)**

**OUTPUT :**



