import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

dataset=pd.read\_csv('MLexl.csv')

dataset.head()

x=dataset.iloc[:,:-1]

y=dataset.iloc[:,1]

from sklearn.model\_selection import train\_test\_split

xtr, xte, ytr, yte=train\_test\_split(x, y, test\_size=1/3, random\_state=0)

from sklearn.linear\_model import LinearRegression

model=LinearRegression()

model.fit(xtr,ytr)

ypr=model.predict(xte)

ypr

yte

plt.scatter(xtr, ytr,color='Red')

plt.plot(xtr,model.predict(xtr), color='blue')

plt.title("mileage vs selling price (Training set)")

plt.xlabel("mileage")

plt.ylabel("selling price")

plt.show()

plt.scatter(xte, yte, color="Red")

plt.plot(xte, model.predict(xte), color='blue')

plt.title("mileage vs selling price (Training set)")

plt.xlabel("mileage")

plt.ylabel("selling price")

plt.show()