# importing libraries

import numpy as nm

import matplotlib.pyplot as mtp

import pandas as pd

#importing datasets

data\_set= pd.read\_csv('/content/sample\_data/KNN.csv')

#Extracting Independent and dependent Variable

x= data\_set.iloc[:, [2,3]].values

y= data\_set.iloc[:, 4].values

# Splitting the dataset into training and test set.

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

x\_train, x\_test, y\_train, y\_test= train\_test\_split(x, y, test\_size= 0.25, random\_state=0)

#feature Scaling

from sklearn.preprocessing import StandardScaler

st\_x= StandardScaler()

x\_train= st\_x.fit\_transform(x\_train)

x\_test= st\_x.transform(x\_test)