#import the packages

import pandas as pd

import numpy as np

#Read dataset

dataset=pd.read\_csv("kdata.csv")

X=dataset.iloc[:,:-1].values

y=dataset.iloc[:,2].values

print(X)

print(y)

#import KNeighborshood Classifier and create object of it

from sklearn.neighbors import KNeighborsClassifier

classifier=KNeighborsClassifier(n\_neighbors=3)

classifier.fit(X,y)

#predict the class for the point(6,6)

X\_test=np.array([6,6])

y\_pred=classifier.predict([X\_test])

print('General KNN:',y\_pred)

classifier=KNeighborsClassifier(n\_neighbors=3,weights='distance')

classifier.fit(X,y)

#predict the class for the point(6,6)

X\_test=np.array([6,6])

y\_pred=classifier.predict([X\_test])

print('Distance Weighted KNN:',y\_pred)