import numpy as np

import pandas as pd

# To split dataset into its attributes and labels.

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

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

print(X)

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

print(Y)

# Training of KNN Classification Model using trained data

from sklearn.neighbors import KNeighborsClassifier

classifier = KNeighborsClassifier(n\_neighbors=3)

classifier.fit(X,Y)

# Testing  KNN Classification Model using unseen test data

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

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

print ('The predicition of classifier is :', y\_pred)

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

classifier.fit(X,Y)

# predict the class for points(6,6)

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

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

print ('The predicition of classifier is :', y\_pred)