2)Load Iris dataset from sci-kit learn

Perform data exploration, pre-processing and splitting

import pandas as pd

path="C:\\Users\\lijoj\\Desktop\\OnlinePythonInternship\\Data\\Iris.csv"

data=pd.read\_csv(path)

print(data)

inputs=data.drop(['Id','Species'],'columns')

output=data.drop(['Id','SepalLengthCm','SepalWidthCm','PetalLengthCm','PetalWidthCm'],'columns')

print(inputs)

print(output)

import sklearn

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

x\_tarin,x\_test,y\_train,y\_test=train\_test\_split(inputs,output,test\_size=0.2)

from sklearn.neighbors import KNeighborsClassifier

model=KNeighborsClassifier(n\_neighbors=13)

model.fit(x\_tarin,y\_train)

y\_pred=model.predict(x\_test)

print(y\_pred)

print(y\_test)



