KNN

from sklearn.neighbors import KNeighborsClassifier

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

from sklearn.datasets import load\_iris

irisdata=load\_iris()

x=irisdata.data

y=irisdata.target

x\_train,x\_test,y\_train,y\_test=train\_test\_split(x,y,test\_size=0.2,random\_state=42)

knn=KNeighborsClassifier(n\_neighbors=5)

knn.fit(x\_train,y\_train)

print(knn.predict(x\_test))

print(knn.score(x\_test,y\_test))

OUTPUT

[1 0 2 1 1 0 1 2 1 1 2 0 0 0 0 1 2 1 1 2 0 2 0 2 2 2 2 2 0 0]

1.0