import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

from sklearn import accuracy\_score

from sklearn.datasets import load\_iris

iris = load\_iris()

data = pd.DataFrame(iris.data)

data

data.isnull()

X = iris.data

y = iris.target

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

xtrain, xtest, ytrain, ytest = train\_test\_split(X, y, test\_size =0.2,random\_state = 0)

from sklearn.naive\_bayes import GaussianNB

gaussian = GaussianNB()

gaussian.fit(X\_train, y\_train)

Y\_pred = gaussian.predict(X\_test)