import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

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

from sklearn.linear\_model import LinearRegression

from sklearn.metrics import mean\_squared\_error, mean\_absolute\_error, r2\_score

from sklearn.naive\_bayes import GaussianNB

df2 = pd.read\_csv('/content/drive/MyDrive/iris\_csv.csv')

Df2

nine = df.iloc[4, 1:]

nine.shape

x=df2.drop('class', axis=1)

y=df2['class']

x\_train, x\_test, y\_train, y\_test=train\_test\_split(x,y,test\_size=0.25, random\_state=42)

gnb = GaussianNB()

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

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

from sklearn.metrics import accuracy\_score

accuracy = accuracy\_score(y\_test, y\_pred)

print(f'Accuracy: {accuracy \* 100:.2f}%')