import numpy as np

import matplotlib.pyplot as plt

import pandas as pd

from sklearn.linear\_model import LogisticRegression

from sklearn import datasets

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

from sklearn.preprocessing import StandardScaler

from sklearn.metrics import confusion\_matrix, accuracy\_score

# Importing the dataset

dataset = pd.read\_csv('iris.csv') dataset.describe()

# Splitting the dataset into the Training set and test set x = dataset.iloc[:, [0, 1, 2, 3]].values

y = dataset.iloc[:, 4].values

print(x, y)

x\_train, x\_test, y\_train, y\_test = train\_test\_split(x, y, test\_size=0.25, random\_state=0)

sc = StandardScaler()

x\_train = sc.fit\_transform(x\_train)

x\_test = sc.transform(x\_test)

classifier = LogisticRegression(random\_state=0, solver='lbfgs', multi\_class='auto')

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

print("Ajay Tiwari, 31")

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

cm = confusion\_matrix(y\_test, y\_pred) print(cm)

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