EXPERIMENT 5 :

Aim :

To demonstrate the performance of a logistic regression by using chosen database with python code.

Program :

import numpy as np

import matplotlib.pyplot as plt

def sigmoid(z):

return 1/(1+np.exp(-z))

plt.plot(np.arange(-5,5,0.1),sigmoid(np.arange(-5,5,0.1)), color='pink')

plt.title('Logistic Regression')

plt.show()

Output :

