

Experiment No:13 Implementation of Decision
Tree classification: Techniques

Aim:

To implement a decision tex classification technique for gender classification using python.

Sousce (code: 12 1+ 1) x par. [0 :] 102 x = gols .

Rom eklearn import troe.

#Using Decision Tree classifier for prediction of the tree Decision Tree classifier

HERE the array contains three values which are theight, weight and slide size

X = [[181, 80, 91], [182, 90, 92], [183, 100, 92], [184, 200, 93], [185, 300, 94], [186, 400, 95], [187, 500, 96], [189, 600, 97], [190, 700, 98], [191, 800, 99], [192, 900, 100], [193, 1000, 10]

Y = ['male', 'male', 'female', 'male', 'male', 'female', 'male', 'female', 'male', 'female', 'male', 'male', 'male', 'female', 'male', 'male',

Predicting on basis of given random values for given feature

prediction = clf. predict ([[181,80,91]])

prediction = clf. predict ([[183,100,92]])

Printing final prediction

print (predictions)

print (prediction m)

output: ['male'] ['female']

result: Thus the program is successfully execute

and output is varified.