

EX NO: 10

DATE !

IMPLEMENTATION OF DECLISION TREE CLASSIFICATION TECHNIQUES

AIM:

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

PROGRAM:

from skleary import tree

cif = tree Decision Tree Classiffer ()

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, 101]]

4 = ['male', 'male', 'female', 'male', 'female', 'male',

'female', 'male', 'female', 'male', 'female', 'male']

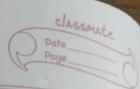
CIF=CIF. fit (x,4)

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

predictionm = clf. predict (PE 183, 100, 92 JJ)

print (prediction f)

print (predictionm)



OUTPUT : ['male'] ['female'] 100 30 norman 1013 17/11 CLASSIFICATION TELEVIQUES RESULT : To implement decision tree classification techniques python program is executed and the output is vortified