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Implementation of decision tree classification techniques

Aim

To implement decision tree classification techniques

from sklearn import tree

Using decision tree classifier for prediction
if = tree.DecisionTreeClassifier()

Here the array contain these values

x = [[181, 80, 91], [182, 90, 92], [183, 100, 92],
[184, 200, 93], [185, 300, 94], [186, 400, 95]]

y = ['male', 'male', 'female', 'male', 'male',
'female', 'male', 'female']

if = if.fit(x, y)

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

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

print(prediction f)

print(prediction m)

o/p ['male'] ['female']

Result

Thus the program was successfully executed and verified