DECISION TREE CLASSIFICATION: EX NO: 12

To clavify the social networks dataset using deasion tree analysis.

BOURCE CODE

from google : colab import drive drive mount ("/context (gdrive").

import inpandas as pd. import numpy as up. I andly tita

import matphotlib inpyphotlas ptt

X = dataset i loc [: 12,3]]. values

y = dataset iloc [: - 17 values .)

from øklearn model - kelection import

train - test - split

x -train, x - test, y-train, y-test=

train-test-split.

(x, y, tost = size = 0.25, random-

x-train = sc. fit - transform (x-train)

X-test = sc. transform (x. - test.).

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classifier. fit (x-train, y-train) y-pred = clavifier · predict from skleam. metrices import · sight an confusion - modifice Print (cm) · Listed Colormap ((1 rod 1, "green 1)) ptt . xlim (x, min () x; max ()) Ptt ylim(x2. min() x2 max()) ptt : xlable (1) Brown brogmi pttylabel, ('Purchase 1) hogyni plt/2 legerd () pt - drow (). the program is succesfully executed of op verified.