EX: 9. Decision tree classification 0.968 ECS82 cate: over 1 1 dings & and the 66621529 Alm: WX =00 +8.1 = Cinton To To classify the social motivork dectases using petersion tree analysis code: organis from google colab import drive drive mount (") content padolve") import numpy as no import matplotlib pyplot as pib dataset = ped read csv [1 content /gdrive/ mydrive [Social Network - Ads CSV') V= dertaget · 1/a C: , T2,355 - values y = dataset · Noc E: , - 17. Values from stelearn model-selection import train-text-split (1/12 million) X-train, X-text, y train, y-text = traintest split 1 X, y, test size o.25, random_state=0 from sklearn proprocessing import standard sealing St = Standard Scaler() x train= & fit - transform(xtrain) X Lix - Se transform (X text) From Sklears metrice - resport confusion matrix cm = confusion mouth (y test, y poved) print (em)

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