Implementing aschificial neural network for an application Exno: using python - classification rate Dim: to implement agent ficial neweal nehooses for an application in classification using python. Sklearn model - Schehan import Some rode: from sklean o datasets import make-Frain - test - Split & imposet from sklearen - newed-retwork import mlp classifier from many nempy as up. impost merplostib a pyplot as ph Proposit seaborn as pette . 3ns. yo masplot lib in line 2- main. y-main = make-circles.
(n-Samples = 700, noise x-10st. y-test = make-circles(n. Samples = 300, noise das. Scatturplet (x-train [:,0] x train P: , 13, true = y - train) plt: ditte (" haus pata") Plt . Shore () cly = MLP classifier (max_iter=1000) elf. fit (x-rain. y-hair)

4- proved = clf. predict (x-test) fig. ax = pt. Subplet (1,2) Sus o scalluplot (x-test [=, 0] a - test [: ; 1], hue = y - pred o and = and ro]) Plt. Shows OP: Test tata -1.0 -1.0 0.5 p.oosla. The program was successfully executed Result: and output is verified.