Implementing Artificial hural networks for application using python - Regression. To implement Artificial Neural networks for application using python. Nource code: from sklearn. neural network import MUR Ry Esser from skleam. model-pelection import traintent-split from shlearn-datasets import make regression import humpy as mp import matplotlib. pyplot. as plt import scaborn as ons 1/2 matflotlib violine X, y = make-regression (n-samples=1000, noise=0.05, h-features=100) Y-shape, y. shape = ((1000, 100), (1000,)) X-train, X test, y-toain, y-test = train-fest-split(X9 y, test-size = 0.2, shuffle=True, random-state = 42) U = MLPRigresson (mox-iter=1000) clofit (Xtodin, ytrain) print (f" R2 Source for Training Data=sch. score(X-train, y-train)?" Print (f"R2 done for test Date={cl. nove(X-test, y-test)3")

Output; Re Score for Test Data = 0.96865784666 and the set bodant All the state of the state of the dilate dilately bear in the second terms of the second sec The Comment of Justice Comment (FSULT: Thus above program is communifully renewed sverified.