lx no: 11

Implementing artificial neural networks for an application using by thou - Regression

Aim To implementing artificial neural networks for an application in regression using python

Jacom sklearn newal - network import MLP regressor from sklearn nodd-selection import train test - \$11 from sklearn datasets import make regression

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imposit matplotlib. by plot as pH
imposit seabosin as size
1. matplotlib inline

x,y = make - sugression (n-samples = 1000, NOISE = 0.05, N-features = 100)

x. shape, y. shape = ((1000, 100); (1000))

x-train , x-test , y-train , y-test = train-test split (x,y, test - size = 0.2, shuffle = True, traindom-state -42)

if = MLP Regrassor (max - iter = 1000)

if & Jit (x-train, y-train)

DIP

R2 Score for test Dota = 0.96865584 2482

Pesult

The program was successfully executed