Implementing artificial neural networks for an application using python-classification

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Arm:
To implementing artifical neural networks for an application in classification using python.

Source code:

Skleam. model-selection import toam-test-split from sklearn. datersets import make-circles import from Sklearn. neural-network import mip classifier from numpy as no

import matphot lib. Pyplor as plf

import scaborngus sus ses paris lavigies dals:

1. matphotlib inline sophe tole tole

x-tourn, y-tourn = make-circles (n-Samples = 700, m/se = 0.05)

x-test, y-test = make - circles (n - Samples = 300, noise = 0.05)

sns-scatterplot (n-toain [:,0],

N-tomin [:,1], home = y -tooin)

Plt. title ("Train Data")

Plt. shows)

CH = McP classifier (max.iter = 1000)

CH. fit (x. toain, y-toain)

y-pred = clf-predict (x-test)

tig. ax = plt. subplots (1.2)

Sns. Scatterplot 1 x-test [:,0]

x-test [:,1], hue = y-pred. ax = ax [0])

plt. show ().

(201 = 50007035 - 1, = 30.0 = 15,00, 1000 = 1000)

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Result.

The program was successfully executed and the OIP is verified.

Implementing artificial neusal networks for Implementing artificial neusal networks for In application using python-Regression.