Exp. No: 11 Implementing actifical neural Date: networks for an application using python-Regression.

Code:

from skleaen. neueal - network import MLP regienner

from skleaun. Model-selection import train-test

from skleain datasets import make regussion

import numpy as np import matplotub. pyplot as pit import seaborn as Sns

V. matplotlib inline

X, Y = make - regression (n-samples=1000, noise = 0.05, n-features=100)

X, shape, Y. shape = ((1000, 100); (1000,))

X-train, X-test, y-train, y-test = Erain =

Eest-split(X,Y, Eest-size=0.2, shuffle=True

Random-state = 42)

elf = MLP Regressor (max-inter=1000)

clf. fit (x-train, y-train)

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           Result:
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 executed and the Olp is recified.
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