E9-70:10 coale:

somplementing autificial neural networths
for an application uning python
- clausification

To implementing artificial neural networths for an application in classification using python BOURCE CODE: sk learen - model - relation import brain-tellprom seleans. datasets imposet-make-circles imposet from seleans. neural-network imposet-imposet from seleans. neural-network imposet-mer chamifier.

from numyry or my import mat plot lib. pyplot as jet import leabourn ou ins.

-1. matploklik inline

X- Leain, y- Leain = malu-circles (n_saugher = 300, noise =

or-tell, y-tell= malu-circles (n_ramples= 300, noist = 0.05).

m. realterplot (n-train [o]

& Arain [:.i, hue = y-leain) pll. little ("Train Doba").
pll. whow ()

if = mcp clavifier (mon_iter = 1000)
if if (x-train y train).

y-proved = if predict (x-kel-). fig on = felt ubjeloks (1,2). mi. scalleylot (x-led [:, o] a-tert (; 1), lue = y-pred, an=an (o)) fell-aliow ().

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