

HW4

For the same problem as HW3, i.e., predicting 2022 citations based on all the 2017-2021 citations.

Try a 1-hidden layer neural network (5-3-1 architecture) using the backpropagation algorithm.

Begin by making design decisions: node functions, data normalization, output interpretation, optimizer choice, etc.

Play with different values of the learning rate to see what works best for this problem.

Evaluate and compare with the results of HW3.

Your submission should include:

1. code and predictions.
2. report_HW4.pdf (explaining your results and your conclusions)

Due: 10/28/2023