

Project -3, Milestone-1 HPC

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https://github.com/mpcs51087/project-3-winter-2024-codesniper99

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Overview

Writing a basic feed forward neural network (FNN) code for both training and inference

Performance Results

My success rate for 2 hidden layers of 10 neurons each is

Parameters: Epochs 5

For some reason, my predictions are getting stuck on same value and I am trying to figure out why

Training Time: 6222 milliseconds (5 epochs)

Inference Time: 110 milliseconds Grind rate: 48216 images/second Number of images per batch: 128

Learning Rate: 0.6