
Assignment: Neural Net

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This assignment is implementation of NN. You have to write your code in place of `##TODO` and run. Pytorch is used to implement neural networks. Starter code for CFIAR10 dataset and SGD scaffolding is given in Colab/Jupyter notebook.

1 Neural Net

Task 1: Dataset loading Load the dataset with a different batch size.

Task 2: Loss function Try 2 different loss functions and report results.

Task 3: Optimizer Try 2 different optimizers and report results.

Task 4: Fine tuning model different hyperparameters and improve the accuracy.

Task 5: Results Visualize these results in form of histograms.

Problem 6: Bonus Try to train the model on GPUs.