

Introduction to Deep Learning for Computer Vision

Assignment 4: PyTorch Classifier I

Paul Molina-Plant

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Abstract

In this assignment, we implemented a linear classifier using PyTorch and visualized the accuracy and loss of our model in Tensorboard.

1 Results

I implemented the classifier by following the specifications and consulting the appropriate PyTorch documentation. I trained and validated the model on the CIFAR10 dataset with default config parameters. The final losses and accuracies are highlighted on each plot.

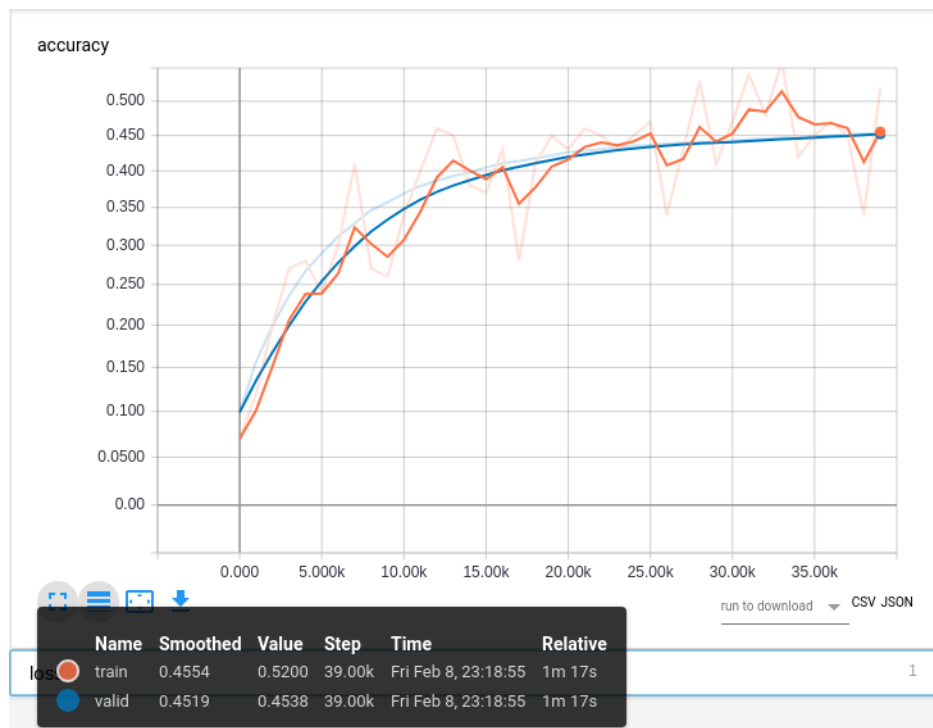


Figure 1: training and validation accuracy after 100 epochs

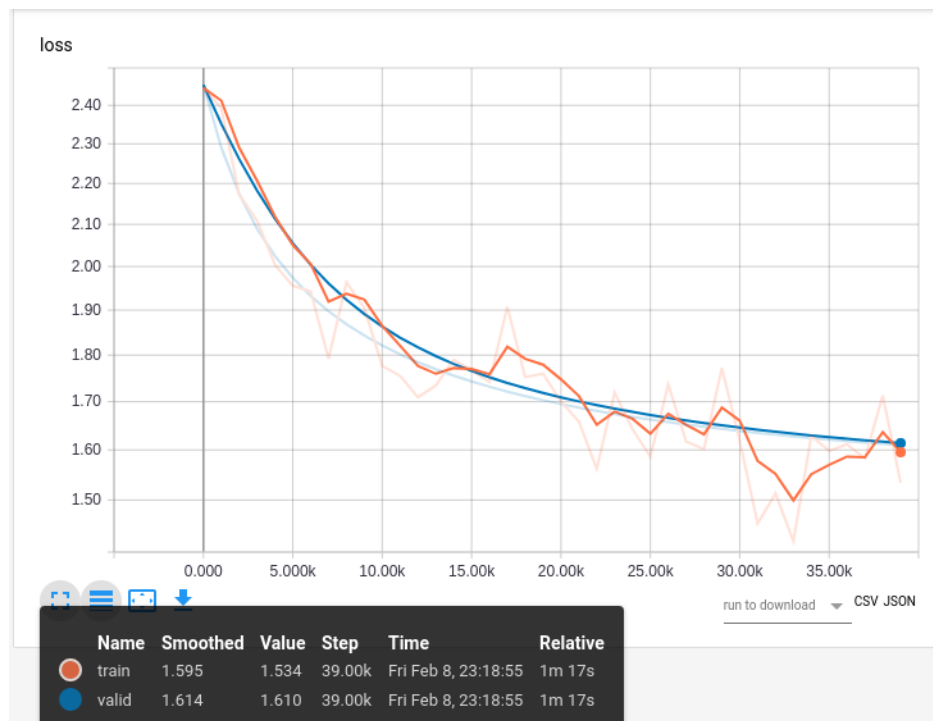


Figure 2: training and validation loss after 100 epochs