**Hands-on Assignment 3**

**Due Date: See web**

In the code page for Tutorial 3, there is a CNN model for the CIFAR10 dataset written using PyTorch. In this hands-on assignment, you are asked to do some experiments with different hyperparameters using the program and report the results.

In your experiments, start with the baseline model from Tutorial 3 and

* Vary the number of hidden layers (at least two options)
* Vary the number of filters (at least two options)
* Vary the learning rate (at least two options)
* Try different optimizers (at least three)
* Try batch normalization.

In total, you will need to run at least 10 experiments. Write a simple report to summarize the results. A simple report should not only discuss the changes made in the model architecture and the corresponding result, but also analyze the results. A report should be organized and must be in docx or pdf format.

Please submit the report on Canvas. There is no need to submit your code. Similarity scores will be computed for this assignment.

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