**Python Project Documentation**

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In this documentation, I will introduce how I implement the basic features of CNN.

1. **Training functions**

For the training of each random seed, we find the best performance and accumulate such performance. Then the program write training accuracies and training loss.

1. **Testing Function**

In the test function, we loop over the data iterator and feed the inputs to the network and optimize continuously.

1. **Plotting Function**

We plot the data we stored before through xy-plane. Each train and test the program will save the plotting result.

1. **Random Seed**

I simply create new minist file and change the data.

1. **Python Multi-Processing**

By importing multiprocessing and create one main pipe and three minor pipes corresponding to three different random seeds.