

Friday April 5- with Dr.Diggans (mentor)

Last week: tried refined approaches suggested by Dr.Diggans.

Dr.Diggans: from each training class of the Cifar-10 dataset, select 15 subsets with each of them containing 500 images. Then from the 15 subsets of each class, select the most representative subset and combine them to train a CNN model. Similarly, from the 15 subsets of each class, select the most unrepresentative subset and combine them to train a CNN model. In this way, we expect to have a huge difference in terms of entropy values of the two combined subsamples, then ideally we could observe the distinction in accuracy clearly from the two CNN models trained on these two combined subsamples respectively.

Next Week:

- 1). Reorganize the code a little bit.
- 2). Tried the grid approach above suggested by Dr.Diggans.