Here is a brief report of what we have accomplished in the past week.

We had a brief meeting with one of our instructors and reported on the progress of project. We mainly talked about the size of the data, format of CSV (labels), and accessibility to cloud resources.

When it comes to the cross validation, we are expecting to use k-fold cross validation since our dataset is fairly small. Therefore, we expect to use either 5 or 10 fold cross validation. If it produces lower prediction accuracy, we plan to change our hyperparameter values (distance functions in NN modeling).

In terms of retraining the imagenet convolutional neural net, we are running into problems setting the default python Tensorflow package to allow us to retrain the cnn. We are currently trying to install Tensorflow manually to see if we are able to proceed in that direction.

This is the link to our code repository: <https://github.com/crazyman9870/PythonImageClassification>

Our reports will be on the github.

Thanks,

Austin S.

Anthony C.

Heehoon J.