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Project Update #3

This week, we explored the dataset and how to attempt to use it. We are also gathering papers and various materials to help us with this project. We have found a few papers on the subject of Reinforcement Learning using Glimpses.

We have created a private repository on Github to house our progress and collaboration. Unfortunately, the free version of Github does not allow file uploads of 25 MB or bigger, so we really can only compile of python code and resources there. We use Google Drive for these updates, but Github is better for code submission and version control.

On the topic of file sizes, an unzipped folder of the dataset is almost 1 GB. So given this fact, we my need to use Google’s GPU system for execution of the code. I tested a very simple sample of the unzipped dataset in Pycharm, and to load in 500 images from our dataset takes multiple minutes to execute. This lead to the idea of using Google’s GPU system.

Our next step is to research more and work on the implementation of the networks we have been researching.