Capstone Memo

Team glosy

Our team has been meeting our professor Cem Deniz once a week. We defined the problem, did literature review, data exploration, Citi certificate, NYU Langone and HPC set up. Currently we are starting to code for data loading and manipulation process. The next steps are:

1. Finish coding data loader.
2. Get better understanding of autoencoder and choose a method that is suitable for this project.
3. Start building the model.
4. Report.

We experienced some challenges in 3D images in hdf5 format and choosing between pytorch and tensorflow. In addition, we are trying to get a better understanding of what similar models had been built on these data and how can we improve upon it.