

Daily Log

Monday October 28

I continued with one of the tutorials I was following on Deep Feed Forward NNs.

Tuesday October 29

I created my powerpoint presentation for our sys lab presentations, wrote the script, and watched the other presentations.

Thursday October 31

I continued my tutorial even though I initially had some problems with PyCharm loading. I presented on my project and received some feedback from Dr. White. I watched other students' presentations.

Timeline

| Date | Goal | Met |
|--------|--|--|
| Oct 14 | Continue researching what neural net I want to use and begin writing it | Yes, I wrote the sigmoid neuron class after I finished setting up PyCharm. |
| Oct 21 | Write the predict and fit methods and begin to write the network class. | Yes, and I finished the network class also. |
| Oct 28 | Continue to write the model and figure out how to incorporate my factor weights into it. | I've mostly figured out how to work the model and incorporate other weights such as the factors. |
| Nov 4 | Get a working version of the tutorial model to run and output some results. | |
| Nov 11 | Start using the tutorial model to write my own NN that will incorporate my data. | |

Reflection

This week's work was more focused on the presentations rather than significant leaps in research, but I think the break was very nice and reassured me that I was on the right track. I hope to finish this model before winter break so I have something to show for after we come back and so that I can just focus on the model from then onwards.