

Daily Log

Monday, January 13

Continued training "flipped NN", used scikit learn script from Winter goal, errored out due to problems with data loading. Going to fix next class.

Tuesday, January 14

Fixed data errors from previous class, involved making sure all inputs were of the same format and didn't have any abnormalities with formatting, etc.

Thursday, January 16

Continued working on polishing UI while NN trained, researched some geographic based datasets for further implementation of project.

Timeline

Date	Goal	Met
December 15-21	Polish UI so project can be easily downloaded from github/complete winter goal of having network run on UI with 70-75 percent accuracy	Yes, completed winter goal
January 13-19	Continue working on "flipped NN", obtain preliminary results	Yes, prelim results look promising, just need to see if the sub project is practical.
January 20-26	Finish "flipped NN" and decide if it is a plausible path for continuation of project, if not, pursue geographical denominations for NN inputs	
January 27-February 1	Find if a geographical dataset exists that would be plausible for usage as model inputs.	
February 2-8	Decide whether to continue pursuing original network idea, a "flipped" implementation, or one with more geographical denominations.	

Reflection

This week also involved a lot of deciding in what direction to take my project. Basically, I see 3 major options on how to pursue my project for the remainder of the year. First, to keep making my original model more sophisticated and build on my original idea. Next, the idea I am currently experimenting with, using a sort of "flipped" implementation that might be more practical in its usage. Finally, if I am able to find a data set with greater specificity for geographical areas, I might be able to take the original idea and make it much more advanced and practical through the usage of this data set.