

Daily Log

Tuesday, February 18

Worked on data filtration (map UI to coordinate conversion) using google maps api (I used a google maps python wrapper I found available online.) Installed easily with pip.

Thursday, February 20

Finished data filtration and began coordinate-based input for model, want to begin training within the next few weeks using the revised model.

Timeline

| Date | Goal | Met |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| February 2-8 | Decide whether to continue pursuing original network idea, a "flipped" implementation, or one with more geographical denominations. | Yes, decided against use of inverted model. |
| February 9-15 | Based on previous weeks results, either continue original network idea and start making it more robust or pursue "flipped implementation" | Yes, working on map UI implementation and coordinate compatibility |
| February 16-22 | Finish data filtration and implement coordinate-based input for model. | Yes, finished data filtration, still need to finish implementing coordinate based input. |
| February 23-29 | Finish coordinate-based input for model. | |
| March 1-7 | Begin coordinate-based input model training | |

Reflection

Continued working this week on data filtration using the google maps api for graphic to coordinate conversion easily used by the user when providing input to my model. Now that this is finished, I need to finish a coordinate based input for my model. Coordinates will be grouped into more precise areas for higher model granularity. I plan to get this done in the coming week so I can begin model training the following week.