IDEAS FSS-Vis Final Project Requirements

Objective:

Apply the skills you learn from this course to a visualization project of your choice (ideally related to your research).

Submission Material, due to Aaron by 2pm on Monday Feb. 1:

1. One-page description , meant as a "README" for your project
    a. Explain why you chose this topic / dataset, and give any necessary science background to understand what we're looking at. This should be aimed for a technically literate person, but not necessarily someone who knows your field well (e.g., for Aaron, other IDEAS faculty or STEM grad students).
    b. Explain why you chose this software / language to visualize your data.
    c. Explain any visualization design choices you consciously made (e.g., did you choose a colorblind-friendly colormap, are you using symbols shapes effectively, etc.)
    d. Give a brief description of how you developed the software (including, e.g., the language, techniques, challenges, innovations, etc.).
    e. Summarize how to use this visualization (if applicable).
    f. Describe the results / insights that you expect a user to gain from the visualization.
2. All files necessary to show your work (including, e.g., code, data, images, etc.)
3. Email these files to Aaron (or post somewhere Aaron can download).

Demos, Monday Feb. 1, 3-5pm, Zoom:

- You will demo your visualizations in front of each other and IDEAS faculty on Zoom.
- This is NOT a powerpoint presentation. Show your visualization and talk about it. No slides necessary. If your visualization is interactive, show the interaction live. If you produced a movie, play it for us. If you made plots, show those and explain them to us. Feel free to show your code if relevant, but please don't focus heavily on that.
- Aim for 5 to 7 minutes of presentation + 3 minutes for questions.