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 1pm on Friday Sept. 18:

- 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. Give a brief description of how you developed the software (including, e.g., the language, techniques, challenges, innovations, etc.).
 - d. Summarize how to use this visualization (if applicable).
 - e. 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, Friday Sept. 18, 2-3:30pm, 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.