

Final Project Overview

“Visualization in 3 Parts”

3 Parts

- Individual
- Peers
- General Public

Minimum of 3 visualizations each
They do NOT have to be interactive

You will submit 3 IPYNB files as links to your github, with the following naming convention:

IS445_Lastname_Firstname_Individual

IS445_Lastname_Firstname_Peers

IS445_Lastname_Firstname_General_Public

Individual Part

- Identify a dataset to explore.
 - This will be iterative! You probably won't get one you like on the first try.
 - Check out sources like data.world, data.illinois.gov, data.gov, developer.marvel.com, IDB, etc.
 - or the dataset doc that lives right here
- Explore the dataset in a Jupyter notebook. Make sure you include things that did and did not work.
- Summarize the characteristics of the dataset in words: what does it represent, what are the fields/columns/rows, what data types are they, etc

Individual Part Cont

- Your datasets need to be submitted as well. To do this, include this information in your Jupyter notebook:
 - What is the "name" of the dataset?
 - Where did you obtain it?
 - Where can we obtain it? (i.e., URL)
 - What is the license of the dataset? What are we allowed to do with it?
 - How big is it in file size and in items?

Individual Part Cont

You can share raw data sets and sources, ask questions about reading/modifying the dataset and post code that isn't working to a discussion board.

DO NOT SHARE WORKING CODE

For Peers

- Submit an IPYNB file
- Peer is defined as someone who is interested in what you're interested in, not the class. For Example, if you use a dataset based on Basketball, peer would be someone else who likes basketball, not necessarily classmates.
- Make the visualizations detailed, more advanced than for the general public.

For General Public

- This is for the general public
- Visualizations should be simple, easy to understand

Self/Peers (left) vs General Public (right)

