Final Project Data Checkpoint

For project requirements, please carefully review the **Final Project Overview**. Details regarding expectations for "level of challenge" for data source access and volume are specified in the Overview.

For your Data Checkpoint you will produce a brief (1-2 page) document documenting your success in accessing and importing data from your sources and in building your database. Note that the Checkpoint shares a number of elements with your Final Project Documentation and you are free to re-use material that you produce for the Checkpoint for the Documentation milestone as well, as long as the relevant information does not change between milestones.

Your document should contain the following sections:

Project code (1 line)

- Link to github repo for your final project code

Data sources (1/2 - 1 page)

- For each
  - origin, including URLs for data and documentation
  - format(s) (e.g., JSON, CSV, HTML)
  - how you accessed the data, and whether caching was used
  - summary of data
    - # records available (OK to estimate)
    - # records retrieved (OK to estimate)
    - description of records, including important fields/attributes of each record for the purpose of and what they represent

Data Structure (1/2 - 1 page)

- Description of the graphs (networks) or trees you plan to organize your data into
- Description of how you will plan to assemble data into those graphs or trees
- Screenshots showing some progress

Interaction and Presentation Plans (1/2 page)

- High-level, plain-English description of the user-facing capabilities of your project —what options does the user have for selecting and displaying data?
- Interactive and presentation technologies you plan to use (e.g., Flask, Plotly, command line prompts)

Component	Requirement	Points
Project code	Valid GitHub repo link is provided and contains data access code	5
Data sources	Origin and documentation for each data source is provided accurately	5
	Access techniques are clearly described	5
	Caching is used where appropriate and evidence is provided	5
	Data summary is provided and relevant data fields are described	5
Data Structure	Summary and is provided and makes sense given the description of data	5
	Screenshots demonstrating progress or planning for organizing data into data structures	5
Interaction/ Presentation	Plans for application capabilities and interactive/presentation technologies are described clearly and make sense	5
	Total	**40**