

Response Summary:

1. Student Information *

First Name	Adam
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Major	Computer Graphics Technology
Course (e.g. CGT 270-001)	CGT 27000-007 LAB
Term (e.g. F2019)	S2022

2. Email Address *

(University Email Address is required.)

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3. Visualization Assignment *

- Lab Assignment

Generate

4. Identify appropriate data sources: is the data publicly available? What search methods were used? *

Data source 1	Congressional Recordings
Data source 2	OpenCongress.org
Data source 3	Congressman

5. Data format: what format is the data in? Structured vs instructed? All text, a combination, multiple sources? Is it primary or secondary data? *

The data is structured in multiple columns, and is comprised entirely of text. The data is secondary/tertiary, since it collects other documents which are secondary such as new posts, but also incorporates official primary government data.

6. Data types: what types of data are in the data? How are they stored? What is the access to the data (API, JSON, txt, csv, etc.)? What structure holds the data (data base, spreadsheet, etc.)? *

The data is accessible through an Excel spreadsheet .xlsx file. The data consists of primarily numbers documenting how many voted yes, no, or abstain on various resolutions during the 113th Congress, as well as data on which resolutions passed or failed.

Evaluate

7. Variables: list the data variables? What are the parameters? Give them names. What are the dependent variables and independent variables? *

The variables most definitively present are the total yes, total no, and total abstain, and whether the resolution passed, failed, or was agreed to. The totals of yes, no, or abstain are the independent variable since they directly impact the passing, failure, or agreement of a resolution, which would be the dependent variable.

8. Audience & Assumptions: list any assumptions you have about the data. Who is your audience? *

I assume the data is meant for historical record-keeping, as well as for legal and judicial reasons to ensure the past resolutions are not contradicted by accident. The audience for this data are likely secretaries in the government that need to keep record of all its proceedings, as well as legal figures such as lawyers or judges to ensure that the effects of these resolutions are properly enforced and obeyed.

Generate

9. What real life behavior does the data reflect? Does it show patterns of activity, regularity of events, a timeline, population data, etc? Explain. *

Not many patterns seem to appear or be discernible from the data, aside from most resolutions having been passed.

11. What are the weaknesses of the data source? Is it likely that the source will be available in the future? Is the data complete? What is the quality of the data? Is it specific to your needs for the current project? Is the data in the format you need? Are there missing data? Explain. *

The data appears very solid and thorough with its organization and breadth, and its source will certainly be available into the foreseeable future.

12. What information is emphasized? What is the central focus of the data? Explain. *

The focus of the data is the demographics of each resolution of the 113th Congress' voting, whether it passed, and which party was involved. failed, or was agreed to,

13. At what level of granularity is the data provided? Is the data summarized, or do you have access to the raw data? Is the data categorized or is the data in a format that allows you to create your own categories, etc. Explain. *

The data is summarized, but the raw data of each resolution can accessed with the information and URLs provided. The data is also already categorized according to date, question, bill number, voting, etc.

14. What is the scope of the data? What topics can be covered using the data? Is there a time range/frame? Is the data for a specific area/discipline/demographic etc.? Explain. *

The data is limited to the 113th Congress, meaning its scope is relatively small and confined to a particular discipline and demographic, namely legislation.
