Congressional Activity Project Requirements

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# Overview

This project will provide a dashboard that explores the productivity of Congress.

# Data Requirements

All data available in the final Resumé of Congressional Activity of each calendar year be available for exploration, along with the partisan makeup of each congress. Data will be entered manually from archival documentation.

# Functional Requirements

The deliverable of this project are a series of interactive charts, graphs, and dashboards. Links to original source material will be included for further exploration by the user.

## Text Tables

* Congress Details – to include basic information about each Congress
* Laws – to include detail on laws passed and related vetoes
* Bills and Measures – to include details on bills and resolutions
* Votes and Quorum Calls – to included details on votes and quorum calls
* Nominations – to include details on all civilian and military nominations and their disposition

## Charts and Graphs

* Working days, by Congress, session and chamber
* Public and private laws passed, by Congress, session and chamber
* Bills and measures by disposition, by Congress, session and chamber
* Nominations by disposition, by Congress, session and chamber
* Partisan membership, by Congress, session and chamber

## Dashboards

A dashboard will be designed to allow exploration of all charts and graphs created as part of this project.

# Technical Requirements

* Data will be collected and managed in Microsoft Excel.
* Data Visualizations will be completed in Tableau Desktop.
* All project files and output will be managed in GitHub.

# Quality Requirements

Care will be taken to deliver the highest quality analysis. Specifically:

* Data will be validated and sources properly cited to allow further analysis if desired
* Terminology will be reviewed for consistency with generally accepted legislative terms, using Congress.gov as a reference
* Charts and graphs will be clearly labeled and will adhere to visual design best practices, using *Storytelling with Data* by Cole Nussbaumer Knaflic