CS 2316 Final Project

Muskaan Vaishnav and Sid Suman

Purpose

- Two major events: election and pandemic
- Wanted to find insights and correlations between the data

Data Collection

- Decided to find information specific to Georgia
- Found demographic information as well as election and covid figures for each individual county

Data Cleaning Process

- Used normal data collection techniques using the requests module, and having one downloaded dataset
- Parsed through data using json and BeautifulSoup methods
- Aggregated all information into a dictionary where county names were keys for all 4 datasets
- Exported these dictionaries to json files

Data Analysis, Insights, Visuals

- Jupyter Notebook

Overall Results and Conclusion

- Overall, we expected there to be wide discrepancies between democrat and republican counties
  - This was largely proven false, every aspect from % Hospitalizations due to covid, to voter turnout to unemployment was similar
  - The only difference gathered from our data was in poverty level with left leaning counties having higher poverty rates than right leaning counties which was in line with our hypotheses