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U0820304

Visualization Designs

Design 1:

The first design will be a map of the United States where each state has a circle on it. The size of the circle will be determined by how big of a shift the state has seen politically. The visualization will allow a user to select the states that they want to focus on, or by default, display all of the states. There will also be a slider selector to allow the user to view the states in previous years to see how they were politically. The circles will also be colored (red, republican and blue, democrat) to show how they voted for that year. The shades will be darker if the majority of the state voted for that party. By resizing the circles when the user selects the year, the user will easily be able to see how that state shifted politically through history.

Design 2:

The second design will represent every state as a stacked bar in the bar chart where the height of the state is dependent on how many votes were casted in that state. Each bar in the stacked bar chart will be colored based on which political party it is representing and shaded darker if the political party is gaining support in the state. The visualization will allow the user to select which year they would like to view and which states they would like to view if they do not wish to view all 50 states. The selected states will be shown in a separate stacked bar chart with its own year selector. By resizing the stacked bars for each state, and changing the shading of the bars, the user can easily see which political party is gaining popularity for each state.