

Visualization 1:

This visualization has Years as X-Axis and the selected/all states in Y-Axis. The design is that of a stacked bar chart where each portion of the stacked bar is of equal width and height but the color of the individual bars will change based on the shift either to the right or left indicating democrat or republican with the intensity.

This visualization will provide an easy viewing due to color and will be easily noticeable to the user. The change in color across the stacked bar will be easy to understand as to how the political affiliation of the state changed over a course of the years. On hovering over the chart the user will also get information on that year's winner, along with the state winner and votes. This will provide a sense of how close the fight and the color will give an indication of how influential the presidential winner was in tilting votes.

Visualization 2:

This visualization has Years as X-Axis and the percentage shift as Y-Axis. The design is that of a bar chart where each bar is of equal width and height as well as color of the individual bars varies based on the shift either to the right or left indicating democrat or republican with the intensity. There will also a drop down menu on the top where the user can select a state to see its change in political affiliations over the years.

This provides a very clean interface for the user to view shifts over the years for each state individually. The user will be easily able to identify the effects of presidential winners influence due to the intensity of the color. The change in color will also give an idea how the state reacted to the election. There will also be a tooltip which would provide necessary information for the user to get more insights. The creation of bar chart based on the negative or positive shift will be very easy for the user to process and remember for a long time.