

I considered the following for designing Visual Encodings for Initial Visualization(i.e., Black Hat):

- Initially visualized a Choropleth with a red hue(darker - more deaths) on a US Map representing the State level gun deaths.
- For City level gun deaths, pointed circles of red hue on the city for each Victim and created a legend. The circles symbolizes the victims death.
- On the state area on the map, I depicted gender-specific gun deaths using blue and red bars for males and females, respectively. Where the height of the blue bar represents the number of male gun deaths in the state, and the height of the red bar represents the number of female gun deaths in the state.

The following makes my visualizations Black Hat visualization:

- The State level gun death visualization is overly crowded and complex to process for the audience; which circle represents which victim and city they belong? they are impossible to tell apart.
- Skewed Titles. According to the message for "State level gun deaths," states with higher temperatures had more gun deaths, yet there is no evidence for this claim.
- Misleading legend for "City level gun deaths." The legend depicts a red color on a scale of 0 to 100, yet some cities, like Chicago, have 400 fatalities. No distinction between 100 or more deaths.