

With all my graphs, I tried to implement the data-ink principle to the best of my abilities. I did this by changing the background to white, making the axis lines more visible, and since the panel grids are not too important, I removed the minor lines and made the major lines dotted, so they are still visible but not too distracting, which does not take away from the data being displayed. As for the heat map plot, I, instead, decided to keep the grid lines normal but keeping the theme minimal which removes the axis lines, making it more readable and cleaner. I also kept the legend because it is important in analyzing the graph I made, since my map is a heat map, the legend is there to show the intensity of the wind speed and to also show the #1 most active storm during that year. For all my maps, I decided on a color theme that involved contrast between the colors because I wanted to show the difference between each variable, whether that be baby names, education level, or wind speed intensity. I believe that exemplifying the intensity truly demonstrated my data well, especially for the heat map plot.