**Documentation Page**

Design Process:

At first, I wanted to do a bar chart. The more I pondered I thought a map would be best.

Diagram

Description automatically generated

Rationale of your design choices:

I chose the map because of the states. I chose the color from color brewer. I used 10 colors to give the map some variations. I decide to add the interactivity with the hover tooltip to make it easier to map the median age to the density of color.

Describe how you used your visualizations to discover facts or answer questions you had. Include evidence to support your findings as screenshots from the visualization.

From the map I can tell the northeast coast has the higher population density. As I was not able to map the age to the map, I could not see how median age corresponded to the density.

**Link to video:** [Kaltura Capture recording - December 11th 2022, 11:22:20 pm - Indiana University](https://iu.mediaspace.kaltura.com/media/1_dty8j2f4)