2.1- Intro to Data Visualizations

1. **What question(s) or project goal(s) relate to this spatial aspect? Did you address any of them in your previous analysis?**
    a. The main goal of this project is to determine when to send medical staff, and how many to send to each of the 50 states.
    b. This goal was addressed using the US Census data along with the total influenza deaths data. It was a good start to understanding population age groups based on state when normalized against total death rates to see how they relate to each other.

2. **List at least one way in which visualizing the data by states might help.**
    a. One way to visualize the data would be with a proportional representation of the United States to help bridge the gap between age groups by state and a secondary measurement of death rate by state. Choropleth could also be used to represent the age groups with shading by state with a higher age population.

3. **What would you be visualizing (or comparing) across each state?**
    a. Since there would be two variables being compared (age and death rate), the states would be various shades to represent the vulnerable population of 65+. More dense shading equals a higher average population of that age group. On top of that, to compare the death rates, each state would be three-dimensional to represent the death rate by state. The taller the state is vertically, the higher the death rate.

4. **Identify any other questions you had from the previous Achievement that weren't answered by your analysis and discuss how visualizations may assist you in answering them**
    a. How does the death rate compare to flu visits at the clinic? Is there a correlation between them and can it help determine medical staffing?
    b. How does the death rate and population change over time? Is there a way yo show a time component visually when comparing the two variables?