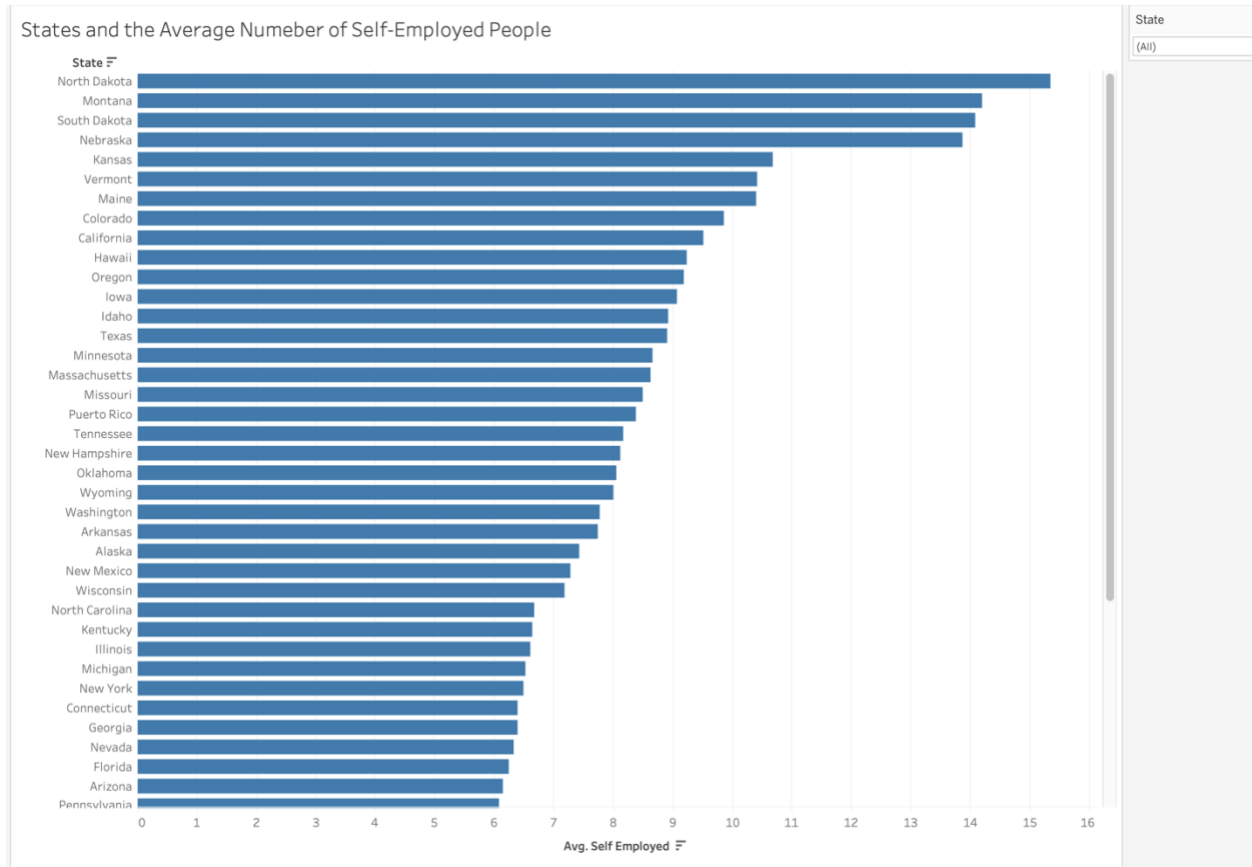# Business Analytics Nanodegree (BAND)

Udacity Nanodegree
Project: Tableau Building Dashboards
Name: Saad Alotaibi

URL: https://public.tableau.com/app/profile/saad.alotaibi/viz/Statesandtheaveragenumberofself-employedpeople/StatesandtheNumeberofSelf-EmployedPeople
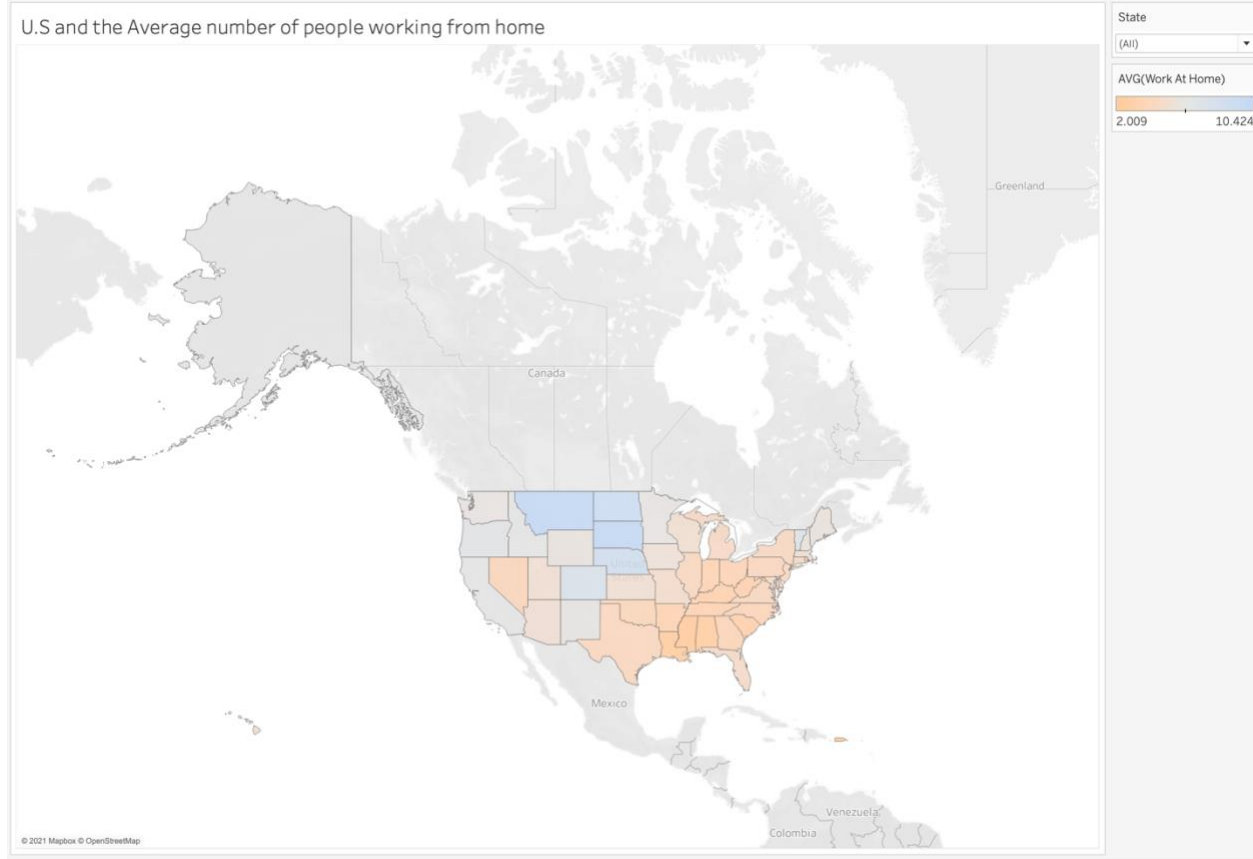

This Visualization gives us an overview of the US' States and the number of people who are self-employed. I Think my design is self-explanatory not a lot of colors. Here I didn't add any colors because it would be hard to see.

Insights:

1. From the above visualization we can see that the state of North Dakota has the most people who are self-employed with Average of 15.35.
2. The Second state is Montana with an average 14.20 self-employed citizens.
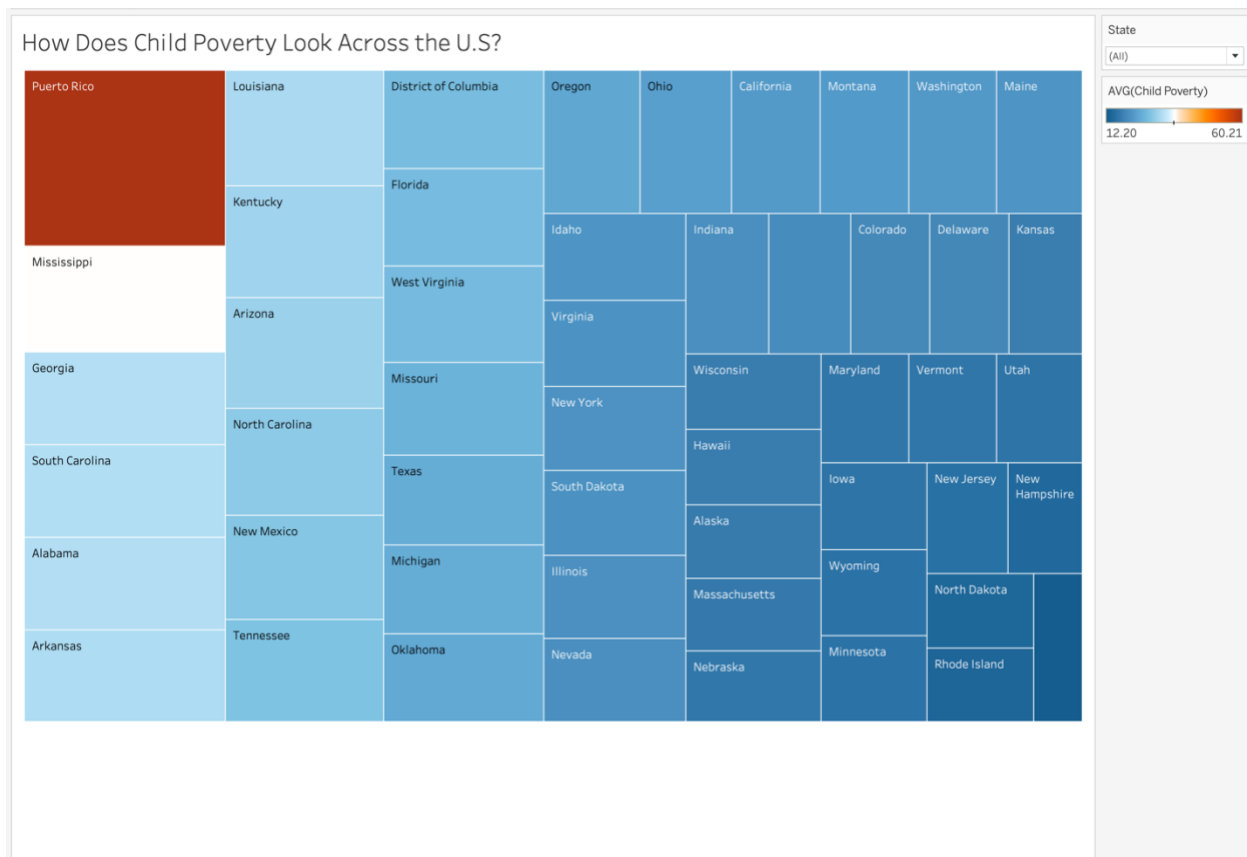3. The third state is South Dakota with an average 14.09.

URL:

This Visualization gives us an overview of the average Number of people working from home in the U.S displayed on a map. Added a legend and a filter on the right.

1. The Design of this visualization is based on the colors of the average number of people in each state.
2. The more blue color means there are more people. The orange means there is less people.
3. The most state with the average people working from home is:
   a. #1 is South Dakota with 10,424 people working from home.
   b. #2 is Montana with 10,213 people working from home.
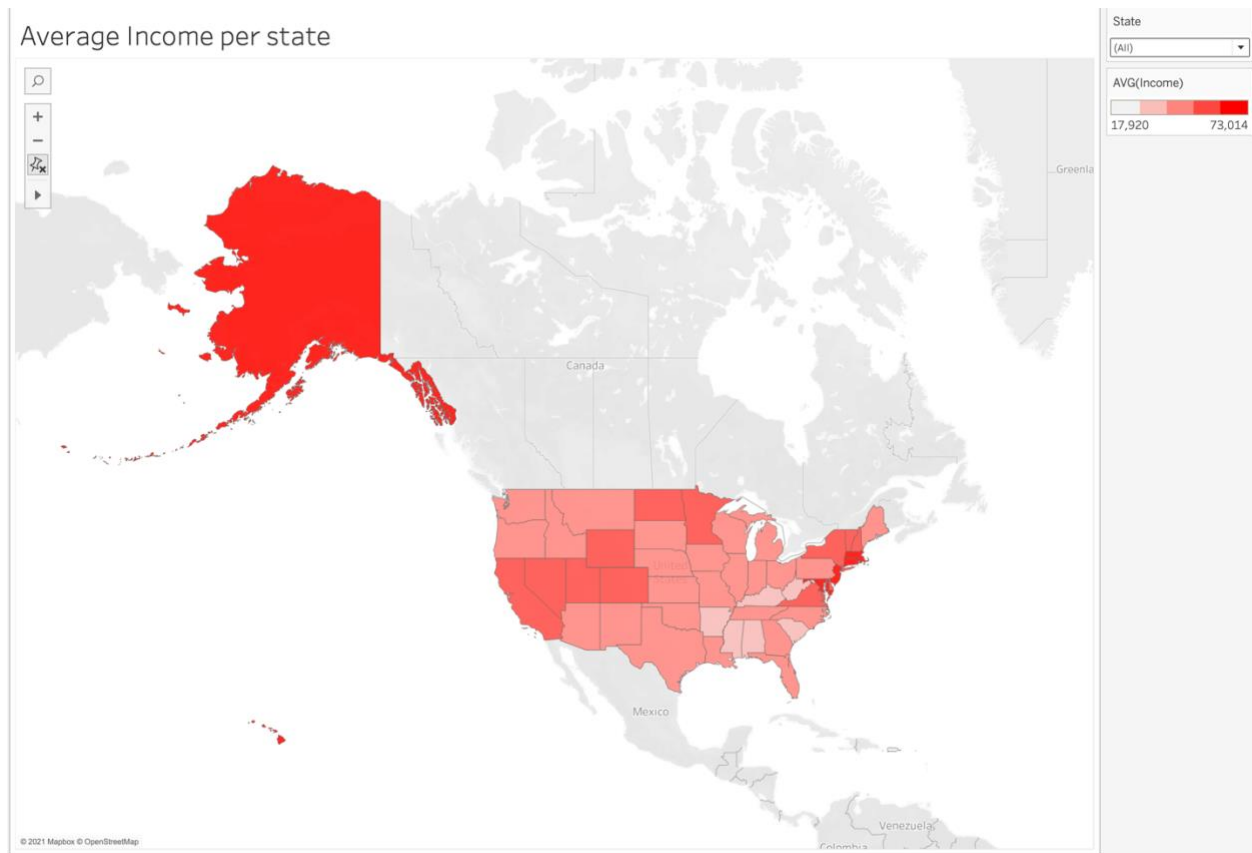   c. #3 is North Dakota 9,421 people working from home

URL:

This Visualization answers this question => How Does Child Poverty Look Across the U.S? Also, the color scheme is pretty clear. The red means more children. Blue means less children. Added a legend and a filter on the right.

Insights:

1. Coming up with number 1 is Puerto Rico with an average of 60.21 poor children.
2. Coming up at number 2 is Mississippi with 36.26 poor children.
3. And the third state is Georgia with 31.76 poor children.

URL:
https://public.tableau.com/app/profile/saad.alotaibi/viz/Averageincomeperstate_16250483211550/AverageIncomeperstate

This Visualization shows the Average Income per US state. I decided this should be one colored map. The darker the shade of color the more the income. And the light the red the less the income. Added a legend and a filter on the right.

Insights:

1. From the map we can see that New Jersey with an average income of 73,014 dollars.
2. From the map we can see that Connecticut with an average income of 71,184 dollars
3. From the map we can see that the District of Columbia with an average income of 70,848 dollars.

Resources / Links

- The Project Walkthrough really helped me in this project.
   - https://www.youtube.com/watch?v=9xqHA732LMA
- Dashboard containing all the Visualizations
   - https://public.tableau.com/app/profile/saad.alotaibi/viz/Dashboard-1_16250444326840/Dashboard