Tableau Project

Link to the tableau story – includes 3 dashboards.

1. Insight number 1
   Link- the first dashboard inside the story.
   Summary- I have created a dynamic dashboard that shows who is the Top N and Bottom
   states in terms of employment rates. I also added a metric to your choice, to show a
   the connection between Un/Employment to either one of the following: avg income per
   capita, avg poverty, and avg child poverty. States are set to Top and Bottom 12 by
   default, but feel free to change it to your satisfaction.
   Design- I used Bar Charts because they are ideal in comparison to numeric values, in
   a way that each state's name and the rate are shown.
   Resources – n/a

2. Insight number 2
   Link- the second dashboard inside the story.
   Summary- here I created a map chart showing the mean commute time in each and
   every state, which can be seen both by color and size.
   When hovering over a state, you learn its name and its relevant numeric value.
   The tooltip also contains a pie chart showing the means of transport taken in each state.
   I also used a grid map to show the general means of transport in the US, so that you can
   compare each state to the entire nation.

   We can easily see that Alaska has the lowest mean commute time, and while hovering
   over we find that the highest avg walk time to work. That can be due to the weather
   conditions.

   If you randomly hover over some states, you learn that the distribution is pretty much the
   same for most countries with a very high avg drive alone to work, but a very surprising
   state is the District of Columbia with an avg transit higher than avg drive alone to work.
   Design- using the map we can learn that the east of the USA has more commute time than
   other parts. The pie chart is used to show the means of transport in a very clear and
   visually way.
   Resources – n/a

3. Insight number 3

Link- the third dashboard inside the story.

Summary- here I found the correlation between Poverty and different forms of work style, showed in 4 scatter plots. I also presented the avg IncomePerCap differs by color to try and get some more economic info about the state.

I found that there is a positive correlation between poverty and public work, while a negative correlation coexists between poverty and private work.
There seems to be no correlation between poverty and Family work.

Design- I used a scatter plot that describes the best a correlation between two factors.

Resources – n/a