

Visualization 1:

LINK:

https://public.tableau.com/profile/david1775#!/vizhome/DataVisualizationProject_15912692778060/Racedistribution

SUMMARY:

This visualization represents how the different races are distributed among all the states. It is observed that in most of the states white people are predominant with exceptions in some states. Also, native and pacific people usually are much less predominant.

DESIGN:

I have selected this type of chart in order to be able to have a visual of each race for all the states in only one chart. The filter implemented allows to select the states that the user want to check.

Visualization 2:

LINK:

https://public.tableau.com/profile/david1775#!/vizhome/DataVisualizationProject2_15912693563260/ChildPovertyandPoverty

SUMMARY:

This visualization shows how Child poverty and general poverty, both in percentages, are distributed for all the counties of each state. It is observed how the visualization changes depending on the state selected using the filter. Also, when the color is darker the size of the rectangle is large and vice versa. That means, both variables have a similar behavior for all the counties.

DESIGN:

I have changed the visualization, previously I used a line plot, however, it was not an appropriate chart to represent this data. Then, I have chosen a treemap to illustrate the behavior of this data properly. The darker color indicates a higher value for child poverty percentage while the larger the size of the rectangle the higher the general poverty percentage. The filter allows the user to check any state.

Visualization 3:

LINK:

<https://public.tableau.com/profile/david1775#!/vizhome/DataVisualizationProjectDashboard15912694155530/Employed>

SUMMARY:

This visualization is a dashboard that illustrates a map representing the amount of employed people in each state and, also, how is the race distribution for these states. So, it is possible to click a state in the map to look at the race distribution and, if possible, the user can draw his own conclusions regarding the data. For example, it is observed that there is no direct relationship between human race distribution and the amount of people who are employed.

DESIGN:

I chose this design because it allows to select in a simpler way the data wanted to be analyzed. The user can click on any state in the map and, automatically, the race distribution of that state will be displayed.