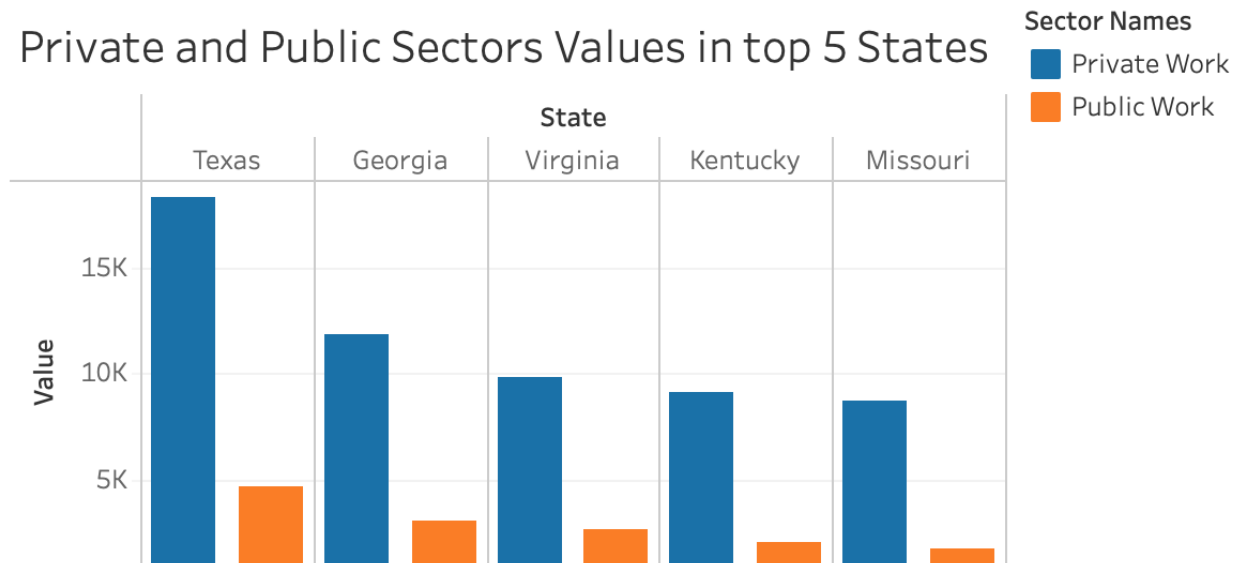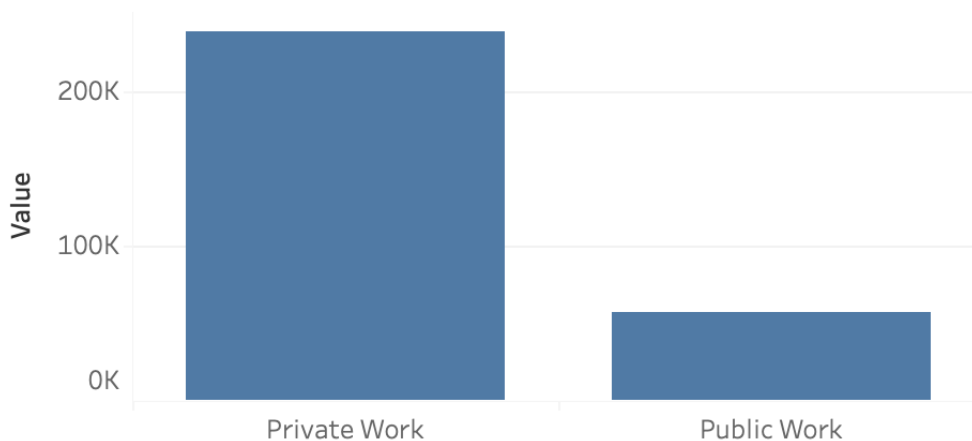# US Census Demographic Data

1) Insight One (Which sector is the most in the top 5 states and as a whole?)

Private and Public Sectors Values in top 5 States

Private and Public Sectors Values as a whole

DASHBOARD 1 LINK
CHART 1 LINK
CHART 2 LINK

Summary: The dashboard has 2 sheets, where the side-by-side bars show the number of each sector in the top 5 states in the US. While, the bar chart describes the number of each sector as a whole, with no showing any details about the US states. As shown from the side-by-side bars
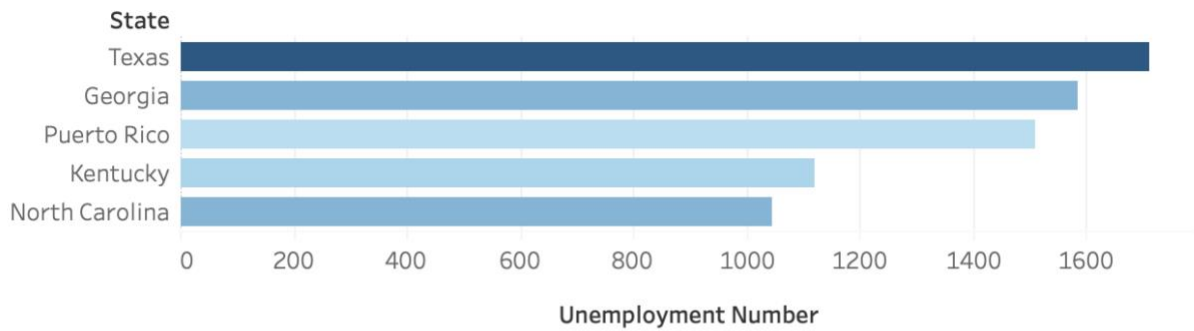
Texas has the highest number of both sectors, and in the second chart, the private work sector was in conquered.
Design: A bar chart was chosen to compare between sectors as a whole, and between sectors of different states. The choice of colors was based on blind preferable colors. From both charts, the bars were sorted so it's easy to understand.
Resources: N/A

2) Insight Two (what are the top 5 states with the highest unemployment number along with their employment number?)

Top 5 States with the Highest Unemployment number

Geographical Representation of the Top 5 States with the Highest Unemployment number

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DASHBOARD 2 LINK
CHART 1 LINK
CHART 2 LINK

Summary: The dashboard has two sheets, one for showing the unemployment number for the top 5 states and the other for visualizing them in a different way. Texas was the highest in both charts.

Design: the bar chart was chosen to compare between variables, while the map was chosen to show the information from a different view. The colors are suitable for blindness and the bar chart is sorted.
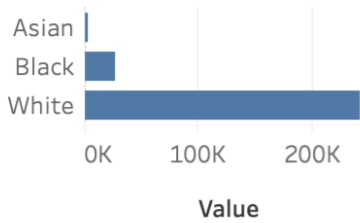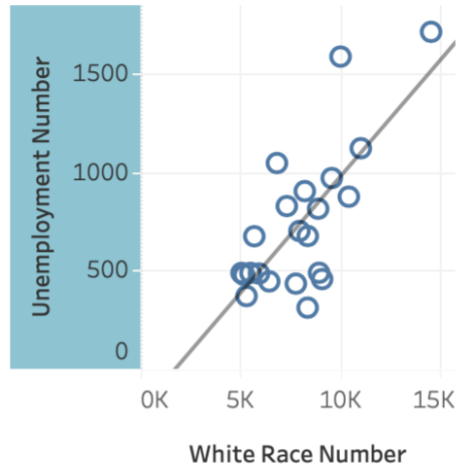*Filter of top 10 states was added*
Tooltip was added in the map chart
Resources: N/A

3) Insight Three (what is most of the race in the US (Black, Asian, or White), what are the top 10 states in the majority race and whether the states have high unemployment numbers based on the white race number not being less than 5,000?)
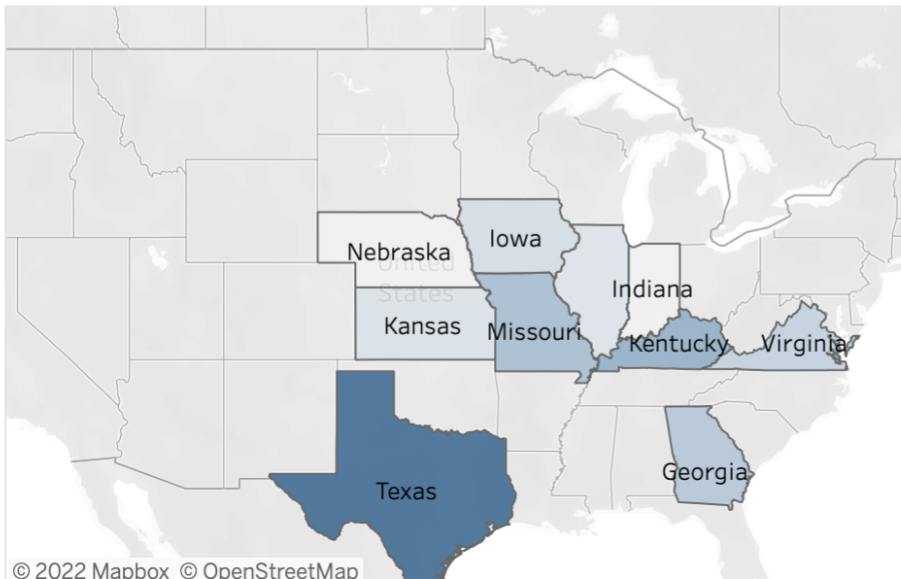
Race Values

White Race number VS Unemployment Number Based on States

Filter the number of whit...

5,000   14,574

Top 10 States with the Highest Number of White Race

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DASHBOARD 3 LINK
CHART 1 LINK
CHART 2 LINK
CHART 3 LINK

Summary: Three sheets were shown in the dashboard, bar, scatter, and map charts. First starting with a bar chart that shows the number of each race, which clearly white has the highest number among the rest. The second chart is the map chart which is a continuous chart based on the highest race number which is white. The chart shows the number of white people in each state, and Texas was the highest. The last chart is the scatter plot, which is based on the first chart, a relationship between the white race number and the unemployed number is shown based on US states.
Design: The bar chart was chosen as a way to compare the three races. The map chart is used to show the information in a geographical location which is clearer than other charts in this context. The last chart which is the scatter plot is used to show the relationship between the variables. The colors were chosen based on being suitable for blindness, and the bar chart is sorted for easy understanding the chart.
 Filter of top 10 states was added
 Filter of white race number not less than 5,000 in the scatter plot
 * interactive filter if the user wants to change the value of the white race instead of 5,000 in the scatter plot*
Resources: N/A