

DASHBOARD/INSIGHT 1

Link:

https://public.tableau.com/app/profile/daniel1569/viz/UnemploymentDashboard_16407148937730/Dashboard1?publish=yes

Visual 1 Summary: I wanted to first look at which state had the highest and lowest unemployment rate in general. I found that Puerto Rico had the highest average unemployment (19.37) and North Dakota had the fewest (2.68).

Visual 1 Design: I went with a simple horizontal bar chart. I choose to arrange them in descending order rather than alphabetically because unemployment count is what mattered the most. I kept all bars the same color because they all represent the same thing (count). Using multiple colors would be distracting and add no value.

Visual 2 Summary: I wanted to do two things. Divide the average unemployed into the average Total Pop for a more accurate representation of the state's unemployment numbers. After that I wanted to plot it on a world map to see if there was a specific region (north, south, east, west) that had more unemployed than the others. I found unemployment was mostly spread out evenly with no clear region have much larger numbers of unemployment than the other regions. There was however slightly more unemployed (based off population) in the Midwest and Southeast areas of the U.S.

Visual 2 Design: I chose the world map because I wanted to look for unemployment trends based of regions. Choosing the color gradient helps the eyes quickly spot patterns on the world map without needing to compare the exact counts of unemployed.

Resources: N/A

INSIGHT 2

Link:

<https://public.tableau.com/app/profile/daniel1569/viz/OfficevsConstruction/OfficeConstruction?publish=yes>

Summary: I wanted to see the if there was a trend is office work vs construction work from state to state. I found that more people preform office work than preform construction work regardless of state. This was surprising as I thought there would be at least a few states that would show the opposite.

Design: I chose a side-by-side circle chart. This chart allows us to see that the gap between people working construction and office jobs is very different from state to state. We can also see that regardless of the gap, it's clear that on average there are more people are working in office jobs in every state.

Resources: N/A

INSIGHT 3

Link:

https://public.tableau.com/app/profile/daniel1569/viz/UdacityTableauProject_16407197807910/PrivatePublic?publish=yes

Summary: I wanted to look at the ratio between people working in the private sector vs people working in the public sector. I found that regardless of the state more people work in the private sector. In most states roughly 75% of people work in the private sector.

Design: I went with a simple pie chart to visualize the results. I added a filter by state to look at one state's ratio at a time. I chose two colors from the color blind pallet for those who might view the chart who are visually impaired.

Resources: N/A