

Insight 1 Percentage_Unemployment_In_States

https://public.tableau.com/profile/tarun.chadha#!/vizhome/Percentage_Unemployment_In_States/Sheet1?publish=yes

To see percentage of unemployment, I made an interactive map which gives color coded information about the percentage of unemployment in states across US.

Texas is the state with highest percentage of unemployment (6.56%) followed by Georgia (6.08%). A filter is also provided for analyzing trends between selected states. It could be useful in comparing unemployment in West Coast states and East Coast states.

Total population is also displayed as a "Tool tip" to make better sense of the scale of percentage of unemployment. I selected maps as a design choice because it makes the visual more appealing as it involves states and you are also able to engage to think about the geographical factors which might be at play for some specific value of things you are comparing.

Insight 2 Ethnicity_In_States

https://public.tableau.com/profile/tarun.chadha#!/vizhome/ethnicity_across_states/Sheet3?publish=yes

In this visual I plotted the various ethnic groups on a bar chart. A filter is also provided to analyze the data across the states. A tool tip which shows total population is provided to make better sense of what's the population of an ethnic group in comparison to total population of the state or overall.

I choose the bar chart because with its simplicity it is relatively easy to see the comparison between various ethnic groups.

Top 3 ethnicity are White (2,42,881), Hispanic (35,457) and Black (27,903) and least being Asian (3,958). This insight can be used to get better sense of the population trends in ethnic communities and can be used for making product decisions.

Insight 3 Dashboard

https://public.tableau.com/profile/tarun.chadha#!/vizhome/Dashboard_15551438833560/Dashboard1?publish=yes

I designed my dashboard by using the sheets I've already created for analyzing unemployment across states and the ethnicity trends in states.

Here I used my 2 sheets and provided a common filter of states to analyze data across certain selection of states to answer or checking trends limited to smaller number of states.

With tool-tip, filter, map and bar chart combined this becomes a very handy dashboards to quickly look at the data in a matter of clicks and even by hovering around the mouse on the map.

As one selects a specific state the map only shows unemployment data for that particular state and the bar chart also refreshes with the new data about the ethnic population.

