

Insight 1:

[https://public.tableau.com/profile/dinesh.durai.s#!/vizhome/USCensus\\_15896279866520/Dashboard1?publish=yes](https://public.tableau.com/profile/dinesh.durai.s#!/vizhome/USCensus_15896279866520/Dashboard1?publish=yes) (Sheet 7)

From the column chart, apart from Alaska and District of Columbia, all the states have minimum average of 60% (Max:84.6 – Alabama, Min: 64% - Hawaii(Excluding last 2 states)) of the people use driving as their mode of transport. We can understand that when it comes to the number of people using a transport method, driving seems to be best suited.

Here, I used Column chart to easily show the difference and similarities in the state wise averages.

Insight 2:

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This Column chart shows the average per capita income of each state. By the chart it's easy to conclude that Puerto Rico has the least at \$9618 and District of Columbia has the most at \$47675. The colour is coded with the percentage of Native Americans in the population and the chart shows it's not a significant variable.

In this chart, I thought of checking if any community of people affected the income, so used Native Americans for the Colour mark.

Insight 3:

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Scatter plot of Avg. poverty percentage against the average percentage of people working in private and public work seems to be negatively correlated for private and positively correlated for public work. Both the correlation seems to be moderate for the states considered.

To identify the relation between the works people, do and the poverty in each state, I used the scatter plot since both are measures.

Insight 4:

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From the Column chart, the average deviation per capita income error for the state North Dakota is at \$2723 which means there's a he variation in the incomes. Conversely Delaware has \$494 as the average error in per capita income making it the most equally distributed state in terms of incomes.