Insights on Tableau project

US census data

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1. **Insight no.1**
   - **Link -** https://public.tableau.com/app/profile/jayanthi.rao.hosbett.ramesh/viz/USEmployementpovertyandtransitanalysis/Story1?publish=yes
   - **Summary -** Highest poverty rate is in Puerto Rico and it has the lowest income rate as well. There is also a positive correlation between unemployment and poverty rate.
   - **Design -** I used a map to show the poverty and unemployment rate and the color to indicate which state has higher poverty.

     Used a scatter plot to show a correlation.

     To show the Low N income states I used a bar chart which is appropriate.

   - **Resources -** Masterschool provided resources and datacamp.

2. **Insight no.2**
   - **Link -** https://public.tableau.com/app/profile/jayanthi.rao.hosbett.ramesh/viz/USEmployementpovertyandtransitanalysis/Story1?publish=yes
   - **Summary -** Highest employed state is California and if you hover over the map, the highest sector in which the people are employed is the private sector.
   - **Design -** Bar chart to show the top N employment

     Pie chart to show the percentage of employment in different sectors.

   - **Resources -** Masterschool provided resources and datacamp

3. Insight no.3
- **Link -** https://public.tableau.com/app/profile/jayanthi.rao.hosbett.ramesh/viz/USEmployementpovertyandtransitanalysis/Story1?publish=yes
- **Summary -** Highest mean commute time is New Jersey with 30.06mins and lowest commute is Alaska with 11.23mins. Highest populated state is California and Wyoming is the lowest populated state driving is the most used mode of transport compared to others.
- **Design -** A bar chart to show the mean commute time and map to show the population and bar chart to show the modes of transport.
- **Resources -** Masterschool provided resources and datacamp