

Telling stories with data

Project

1st visualization

Link: https://public.tableau.com/views/Visualization1_16596138135500/Incomevspovertyrelatedtopopulation?:language=en-GB&publish=yes&:display_count=n&:origin=viz_share_link

Summary: From the scatter plot, we see that there is a negative relation between income and poverty, also we find that most of the top 15 county population has average income more than 50,000 \$ and average poverty less than 20%.

Design: I used the scatter plot graph as it is the best to show relation between two variables, I also used the table to show the top county population.

Resources: egFwd connect sessions

2nd visualization

Link: https://public.tableau.com/shared/QSBDC23YK?:display_count=n&:origin=viz_share_link

Summary: From the map distribution, we see that **Alaska** state has the least mean commute time with an average of 11.23 MIN and **New Jersey** has the highest mean commute time with an average of 30.06 MIN. We found that majority uses their own cars to commute. We also found that total population of the county doesn't affect the mean commute time.

Design : I used map to show the distribution of mean commute time across states, while I used scatter plot to show the distribution of counties in each state and use of different means of transportation.

Resources: N/A

3rd visualization

Link: https://public.tableau.com/views/Visualization3_16596136542570/Relationbetweenunemploymentandpovertyacrosscounties?:language=en-GB&publish=yes&:display_count=n&:origin=viz_share_link

Summary: From the scatter plot, we see that there is a positive relation between the percentage of unemployment in counties and percentage of poverty in them.

Design: I used scatter plot as it is the best to iterate the relation between two variables.

Resources: N/A