

# Visualization project

## Insight #1

Link:

[https://public.tableau.com/views/Visualizationproject\\_16726175066940/PovertyPercent?:language=en-US&publish=yes&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Visualizationproject_16726175066940/PovertyPercent?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link)

## Summary/Insight:

PovertyPercent sheet describes the highest percentage of poverty for America's states. From that sheet, we found that Texas has the highest poverty rate by 7.737 %. And we found that by using the state column and the measure value of Poverty.

## Design:

In PovertyPercent sheet, I used bar chart to find the state that has the highest poverty rate. Then, I used quick table calculation to get the percentage of poverty for each state.

Resources: N/A

## Insight #2

Link:

[https://public.tableau.com/views/Visualizationproject\\_16726175066940/PovertyVSConstruction?:language=en-US&publish=yes&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Visualizationproject_16726175066940/PovertyVSConstruction?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link)

## Summary/Insight:

Poverty VS Construction sheet describes the relation between poverty and construction for each state and county. From that sheet, we found that there is no relation between poverty and construction. So, we found that by using the poverty column, construction and using the state county hierarchy as a filter.

## Design:

In Poverty VS Construction sheet, I used circle chart to find the relation between poverty and construction for each state and county.

Resources: N/A

## Insight #3

Link:

[https://public.tableau.com/views/Visualizationproject\\_16726175066940/Stateshatatarepoor?:language=en-US&publish=yes&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Visualizationproject_16726175066940/Stateshatatarepoor?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link)

## Summary/Insight:

States that are poor sheet is a map chart for the states that have highest poverty rate. From that sheet, we found that the Texas has the highest rate poverty in all America.

## Design:

In States that are poor sheet, I used a map chart to show the most states that have high poverty rate in America. And we used the measured value of poverty as a filter to get the state that has highest poverty rate.

Resources: N/A

Insight #4

Link:

[https://public.tableau.com/views/Visualizationproject\\_16726175066940/PovertyDashboard?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/Visualizationproject_16726175066940/PovertyDashboard?:language=en-US&:display_count=n&:origin=viz_share_link)

Summary/Insight:

Poverty Dashboard has all the visualizations of the sheets

Design:

In Poverty Dashboard, I used map chart as filter to make an interactive dashboard

Resources: N/A