



UDACITY

**Data Visualization Using
Tableau**

Summary:

This Report was Made on US Census Demographic Data This data comes from a Kaggle dataset; it includes the census data for all counties in 2015.

Does Construction Help to Decrease Poverty:

[UdacityProject | Tableau Public](#)

Summary: From the Graph. We can see that the highest poverty rate is in Texas, and the lowest in Columbia, while the highest construction rate in Texas, and in Columbia.

From this we conclude that even with high construction rate which provide many job opportunity it won't affect poverty rate.

Design: allows us to add more measures to be compared next to each other

Resources: [Tableau Essentials: Chart Types - Side-by-Side Circle View - InterWorks](#)

Does All Regions with High Population Have High rate of Employment with Considering Men/Women Ration:

[UdacityProject | Tableau Public](#)

Summary: From the provided Map in the Story, we can observe that highest populated Region located in the south. With Highest Self-Employed People with nearly the same Men/Women Ratio.

Although it makes sense as it the most populated region but we can find that Midwest is less populated than West and have much higher Self Employed than west.

Design: Bars To compare between 2 different Group while Map to Show us The difference across geographical regions

Resources: NA

Does High Income Per Cap effect the driving rate:

UdacityProject | Tableau Public

Summary: From the Dashboard, The Most Populated State is Texas Shown in The Map with 26M Also the Highest income per cap with 5.9 With Highest Driving Rate while Iowa is only 3M and Fourth Highest Income per cap with 2.6 rank 10th state in Highest Driving Rate

Design: Bars To compare between 2 different Group while Map to Show us the difference across geographical regions

Resources: NA

Considering The High Income per cap In Different States effect on Child Poverty:

UdacityProject | Tableau Public

Summary: From the map, we can see that Georgia and Texas are the highest States with child poverty

While Delaware and District of Columbia is the lowest with 27, 57 respectively

Design: Map to Show us the difference across geographical regions

Resources: NA