

Insight 1:

<https://public.tableau.com/profile/faisal.h.al.otaibi#!/vizhome/StatesIncomePerCapita/IncomePerCapita?publish=yes>

A quick look without the filter does not show much, but with it I can see that there is a big variety of the average income. The most noticeable one is Texas.

Texas has the highest income per capita at \$5,982,157, much higher than the second highest, which is Virginia at \$3,599,697. A huge difference of over \$2,000,000.

Only 6 states have an average income above \$2,500,000.

Design: I chose the map to get a quick look at the state that has the highest income per capita.

Insight 2:

<https://public.tableau.com/profile/faisal.h.al.otaibi#!/vizhome/CorrelationBetweenPopulationUnemploymentPercentage/UnemploymentPopulation?publish=yes>

Since I'm only interested in the wealthy states, I decided to filter out any state that has an average below 1 million USD.

Initially I thought that it was due to unemployment rates being low at Texas. However, as it is clear in the bar chart, it surprisingly has the highest rate of unemployment at 17%.

I moved to my second thought which that it could be the population.

Texas has the second largest population after California, but California has a much lower unemployment rate of 6.26% despite its very large population.

As it is clear in the line chart, there is a positive correlation between the population and the unemployment rate, but the relationship between them is weak. Which means that there are other variables affecting unemployment more than the population.

Design: This dashboard was chosen to show the correlation between the population and unemployment rates.

Insight 3:

https://public.tableau.com/profile/faisal.h.al.otaibi#!/vizhome/JobTypes_15763872620830/JobTypes?publish=yes

The pie chart was chosen to show the proportion of each job type in Texas, because my first thought was that I would see professional jobs having a much larger percentage of the pie chart due to the high-income nature of these type of jobs. It's clear that that's not the case.

While yes professional jobs are the most popular, most of the job types have an almost even level of popularity. Except Self-Employment and Family Work.

So there isn't a certain type that contributes to the average income of the Texas population, they all kind of contribute to it almost evenly.

Design: The pie chart was chosen to show the proportion of each job type in Texas.

Resources: NA