

The Total Population in each State ([Link](#))

- Here we started to look at the total population in each state. We clearly see that California has the most population here with a total pop over 38M.
- Using bar chart here is to help us see the value of the total population and the distribution of it between each state and another.

Some Information about each State ([Link](#))

- Then, we wanted to look at that population in the real-world map besides some information about each state (from the percentage of citizen and men and women, through the percentage of Hispanic, white & black people, etc.). Here we see that almost all the states have a high percentage of white people, an equal percentage of men and women, nearly the percentage of citizen are pretty close, and a very low percentage of Pacific and black people.
- We used the map here to look at the big picture of the distribution of the population in the states.

Brief look at each state ([Link](#))

- This is a dashboard the combines the first two sheets, so with that we have a very good picture about each state.

Income & Poverty for the counties near ocean ([Link](#))

- Here, we wanted to see if there is some sword of relation if counties near the ocean have their income and poverty more or less compared to the others. And there is some difference indeed, the percentage of poverty for the counties near the ocean are 5% higher than the others, but for the income the difference is not that we can consider as something.
- We used the map here to group the counties near the ocean together.

The Relation between the Income & Poverty ([Link](#))

- Next move is to look at the relation between income and poverty. Which shows that when the income increases, poverty decreases.
- We used this design because here we can clearly see the correlation between income and poverty with the trend line.

The Relation between the Income Per Cap & Child Poverty ([Link](#))

- We also wanted to check the relation between the income per cap and child poverty. And again, when the income per cap increases, child poverty decreases.
- Also, we used this design to help us see the correlation between them.

The Relation between Total Population and both Poverty and Child Poverty ([Link](#))

- We wanted to see if the total population makes difference in the poverty and child poverty. And indeed, there is slightly difference, when the population increases, poverty also increases.
- We used this design to see the correlation between them.

The Relation between Total Population & Unemployment rate ([Link](#))

- We wanted to see if the total population makes difference in the unemployment rate. And indeed, when the population increases, unemployment rate also increases.
- We used this design to see the correlation between them.

Dashboard 2 ([Link](#))

- This is dashboard combines the previous two sheets together with a map that show the population, so that we can see how the population impacts poverty, child poverty and unemployment across the whole country.

Average Work type ([Link](#))

- We wanted to see what is the most work type that people work across the states. Is it public work or private work? Or something else? **And we see here that the most work type is the private work with a percentage around 74%.**
- We used bars to compare between each kind of the type and to see the average for each across the states.

Most Highly demand Job fields ([Link](#))

- We wanted to see what is the most highly demand job fields across all the states. **And we see that professional work is the most highly demand job field with a percentage around 31%. But I see yeah there are some differences between job fields, but it is not tremendous like in the work type.**
- We used bars to compare between each kind of the job type and to see the average for each across the states.

Most used Transportation ([Link](#))

- We wanted to see what the most used transportation in the country is. **CLEARLY, Drive goes up here with a landslide of percentage of 79%, WOW.**
- We used bars to compare between each one and to see the average for each across the states.

Relation between Total Population and Mean Commute ([Link](#))

- Finally, we thought of seeing the relation between the population and the mean commute time that people take. **And again, we see that when the population increases, the commute time also increases.**
- And we used this design again to see the correlation between them.