

Tableau Project

we have a Data and we would like to know the factors affecting salary and some working conditions and show them in graph

1- What is the proportion of races?

In the following link we will see that white people are dominating followed by black people but does this will related to the poverty level we will find out

[races percent | Tableau Public](#)

here we just use a simple table because in my opinion it is the best way to show it

2-what about proptoion of races ber states?

Here we used bar chart for each race and made filter by state also we can sort them for each race so we can find which state has higher percent for each race

We use blue for white, yellow for Asians, gray for black, purple for natives peoples

[percentage of races per state | Tableau Public](#)

3- Is being in dominant Race affect your income?

Here we used a scatter plot chart when the size of the plot increases the it mean the percentage of white people increases and it appear in the chart there is small correlation between being in Dominant Race and your income it depends more in your skill and the environment There is no need to use different colors because we just need it to appear simple, I added filter for states to be able to extract needed data more easily

[the correlation between white people and average salary | Tableau Public](#)

4-what state has the highest salary?

Here we used stacked bar and when the salary increase each rectangle become bigger ther is no need to add different colour to avoid distraction

As you can see the highest state is Maryland

I added a filter for states to be able to extract needed data more easily

[The Average income for states | Tableau Public](#)

5-Is there is a positive correlation between unemployment rate and poverty level?

We used side by side bars to compare between the poverty and unemployment rates for poverty we used yellow color and blue for unemployment rate And we can see there is positive correlation that Puerto rico has the highest unemployment rate also has the highest poverty level

I added filter for states to be able to extract needed data more easily

[Poverty compared to unemployment rate | Tableau Public](#)

6-what about working from home?

Here we made a mapping chart with a blue color when the color get darker it mean there is a higher population is working in that state

As you can see there is high population from California working from home may be because most of them is linked to silicon valley so they can work remotely

we added filter for states to be able to extract needed data more easily

[Distribution of people who work remotely | Tableau Public](#)

And here is a Dashboard show the average income for states and people who work remotely :

[Dashboard show the average income for states and people who work remotely | Tableau Public](#)

And here is our story to sum up our findings:

[salary and sates story | Tableau Public](#)

so from our analysis we found that white is the dominant race but is not affecting the income also poverty and income are correlated and we found there is a high percentage of people in California are working from home