US Census Demographic Data-project

Insight no.1
Link – open tableau in full-screen

https://public.tableau.com/views/project_16658708684180/HowdoesincomeandpovertylookacrossAmerica?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Story number 1

Summary – interactive 2 bar chart when one bar chart is for the top average income state and the other is for the bottom.

The user can choose how many states he wants to see, the top state is New Jersey with 73,014$ average income and the bottom is Puerto Rico with 17,920$.
Design – I chose a bar chart because it's easy to see the difference between the states. The colors are blue for the top and orange for the bottom to make it readable for color-blind people.
Resources – N/A

Insight no.2

Story number 2

the average income chart.
Summary - it's a map chart that is the size of a circle that shows the average number of citizens in this country and the colors show the average income.
We can see that the top average number of citizens in the 3 states, has a high average income.
(District of Columbia, California, and Massachusetts)
And all the states with low average income have a low average of citizens.
In the tooltip, I add a pie chart with the ethnicity.
Design - I used a map chart because it's easy to see the measures on the map,
For income, I choose the same color as in the first insight.
Resources – N/A

Insight no.3
Story number 3

Summary –interactive scatter plots in which a user can choose the ethnicity and see the correlation between the average percentage for chosen ethnicity in every state and the Average income.
For example, in the "Hispanics" option, a strong negative correlation will be found, and we will see that if we have a high percentage of Hispanic people, we will have a low Avg income.
And it's important to find solutions to improve Hispanic income.
Design – I chose an interactive scatter plot that makes the users see the correlation between these measures, I add a trend line to make it easy to see the correlation
Resources – N/A