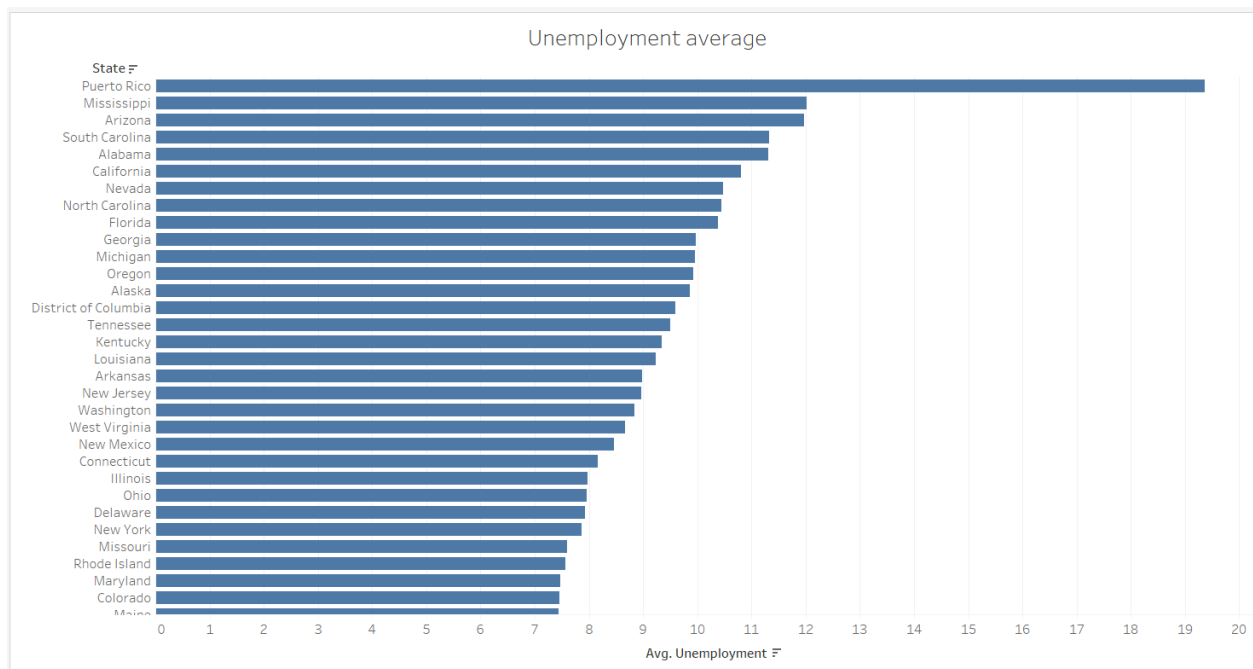# Build a Data Visualization project

- Visualization 1

Snapshot

Link:

https://public.tableau.com/app/profile/bader2311/viz/Viz1_167121437231
50/sheet1edit

Summary:

The Visualization (horizontal bar chart) shows the average unemployment for each state, its clearly observed that Puerto Rico, Mississippi, Arizona are the top 3 and on the other hand Wyoming, Nebraska, North Dakota are the last three.
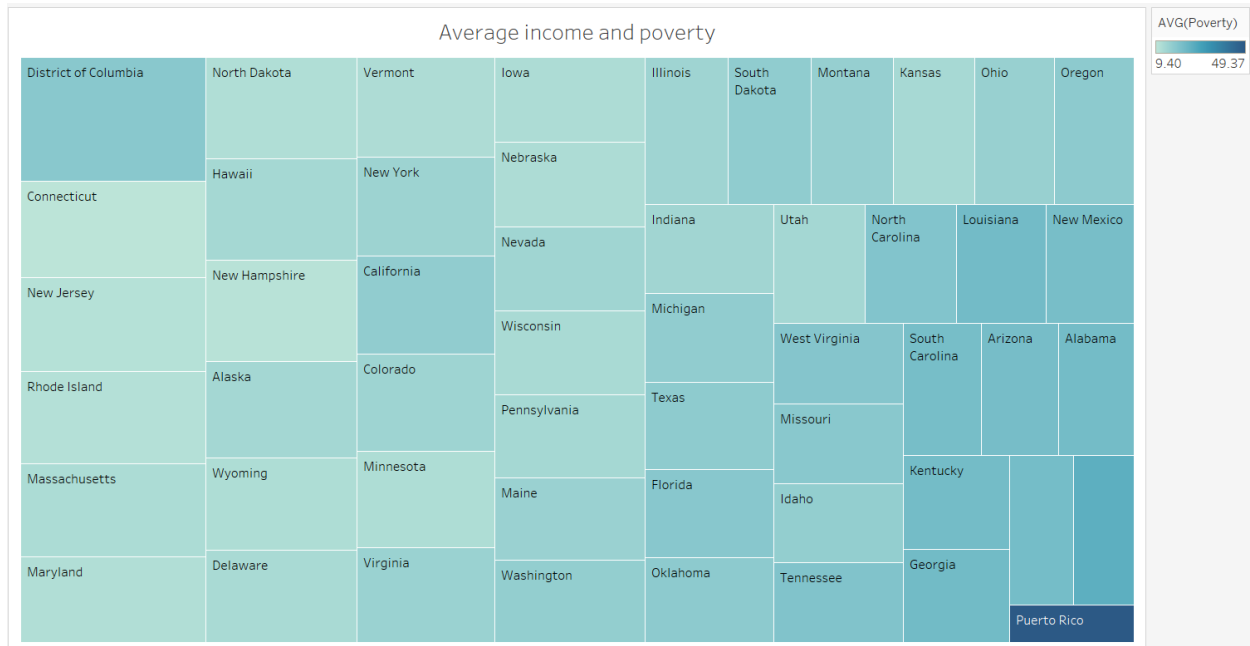
Design:

I chose a bar chart to represent the values (average unemployment) for each category (state). the bars are sorted in a descending order to highlight the main idea, and the color template is compatible with colorblind individuals.

Resources: N/A

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- Visualization 2

Snapshot

Link:

Summary:

The Visualization (heatmap) shows the average Income and poverty over all states, the purpose of this Visualization is to get a quick insights about how income and poverty looks like across USA.
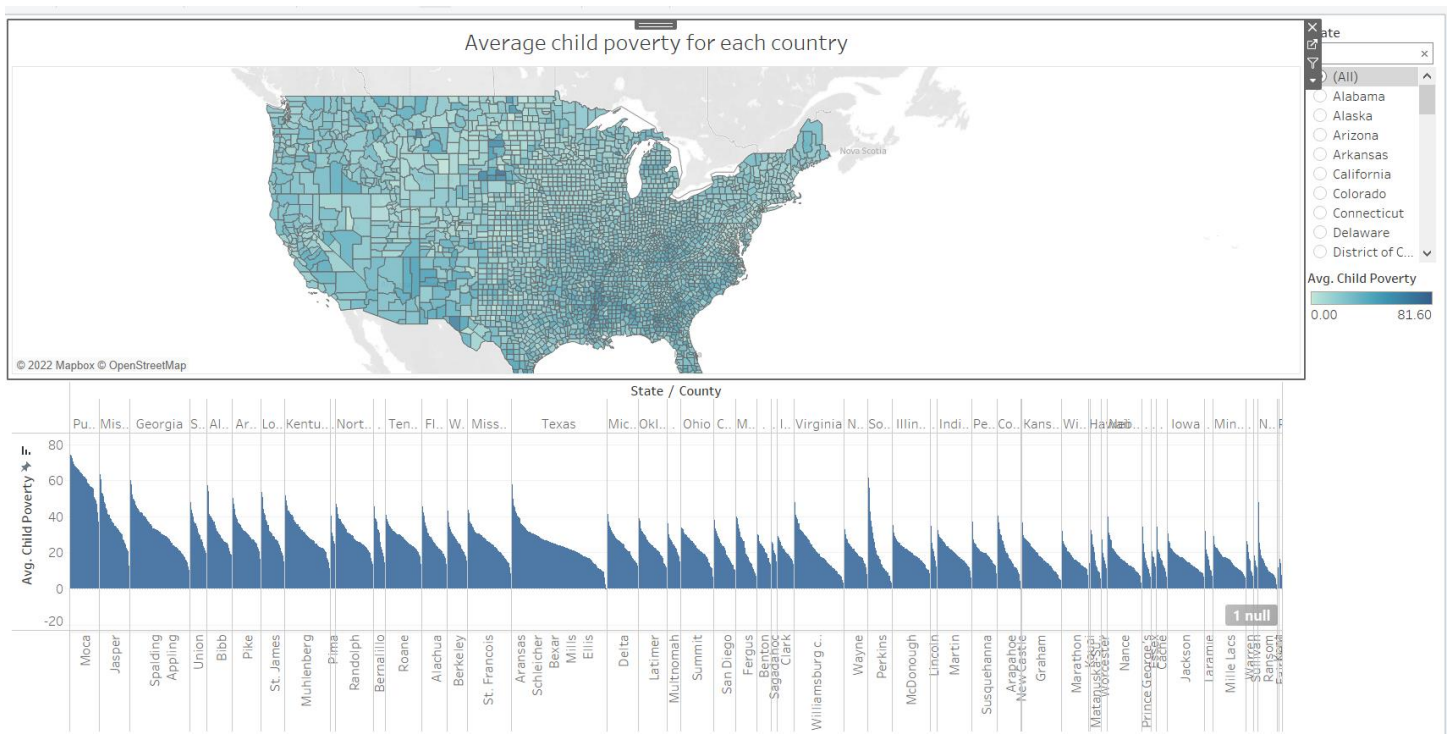
Design:

I chose a heatmap to give a wide overview for the income and poverty data for all states. and the color template is compatible with colorblind individuals.

Resources: N/A

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- **Dashboard**

Snapshot

Link:

https://public.tableau.com/app/profile/bader2311/viz/Dashboard_16712034115340/Dashboard1

Summary:

The dashboard (map + bar chart) shows the Average child poverty for each country and its clearly observed from the map that darker color countries indicate higher child poverty and in the bar chart more detailed numbers.

Design:

I chose a map to represent the values (average child poverty) for each country. the map can give a quick overview and for more insights i added a bar chart to illustrate the numbers for each country also i added a filter (states) to highlight a specific state so we can zoom in and gain more deep insights. the color template is compatible with colorblind individuals.

Resources: N/A

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