Project Report

Story
Link:

First Dashboard

Link:

Summary: On the first dashboard I wanted to show the states that have the highest rates of poverty and income.
Poverty: The first three states with the highest rates of poverty are Puerto Rico, Mississippi and Georgia with 49.37%, 25.72% and 22.20% respectively.
Income: The top three states with the highest average income are New Jersey, Connecticut and District of Columbia with $73,014, $71,184 and $70,848 respectively.
Further observation shows that the states in the south tend to be much poorer than states in the northeast, which are mostly richer.
Design: I have chosen to use bar charts with the dynamic filter because I found it most clearly displays the differences in income and poverty. For the poverty chart I chose more dramatic colors and for the income chart more bright colors.
Resources: N/A

Second Dashboard

Link:

Summary: Here I wanted to show the distribution of wealth using the socioeconomic status by income metric according to county and the ethnicity proportions of each county. From this outcome we can see that Puerto Rico is the poorest territory in which most of the counties are under poverty, most of the low-

level states are in the south, and most of the mid-level states are in the central and northwest parts of the country.

Design: I decided to show the map in two different ways: one in total country view and one with motion that focuses on each state separately. When mousing over a county, we can see the ethnicity proportion distribution of that county.
Resources: N/A

Third Dashboard

Link:
https://public.tableau.com/app/profile/i2707/viz/storytellingproject_16655211755890/Dashboard4?publish=yes

Summary: Here I was looking for correlation between unemployment and income on one hand, and unemployment and working from home on the other.
In both plots I could find a weak to moderate negative correlation, meaning that the higher the percentage of people working from home in a given state, the lower the average percentage of unemployment in that state, and the higher the average income in a given state, the lower the percentage of unemployment in that state.

Design: In both scatter plots I was measuring unemployment, so I chose the orange and gold pallet to give a little more dramatic impact. Using scatter plots made it easier to compare between the two variables.

Resources: None