

INSIGHT 1#

https://public.tableau.com/profile/haya5817#!/vizhome/Book2_16080125911860/Dashboard3

This Dashboard has two sheets, the first one tells that there is a strong positive correlation between people in Poverty and Unemployment. filtered by state, we can see that Texas has the highest number Poverty and Unemployment followed by Puerto Rico and Georgia. The second sheet shows a map with the Average income per capita for each state, where Purple shades indicating higher income per capita and the Pink shades indicates the lower ones. District of Columbia has the highest average at about 47 thousand, and Puerto Rico the lowest average at 9618 USD only.

Design: For this insight I used two different kinds of charts, scatter plot to find the correlation and map chart to make it easier to navigate throw states and counties, also I choose this color for color blind friendly.

INSIGHT 2#

https://public.tableau.com/profile/haya5817#!/vizhome/CitizenandTotalPopulationPerState_/CitizenwithTotalPopulationPerState

This worksheet shows the citizens with Population for each state, California here takes the 1st state with about 24 million citizens and 38 million population, the 2nd state is Texas with 16 million citizens and 26 million population, and the lowest state is Vermont with 439K citizens and 626K population.

Design: For this insight I used Map chart , Red shades indicate high number of citizens and Light-yellow shades mean lower numbers.

INSIGHT 3#

https://public.tableau.com/profile/haya5817#!/vizhome/Book1_16077745727200/Dashboard1

This Dashboard has two sheets, , the first one shows the states with the highest percentages of transportation users. As shown, District of Columbia (Washington D.C) has the highest percentage of public transportation at 37.4% .

However, the second chart shows the actual number of transportation users per state, which shows that New York actually has the highest number of Transportation users at about 550 thousand users. Using this method gives more information about the transportations status despite the halo effect caused taking the percentage only, As the District of Columbia actual transportation users are about 24 thousand only. I'd choose New York over District of Columbia because the data shows that many more people in New York use transportation which gives me a hint that the transportation infrastructure is more reliable in this state.

Design: For this insight I used two bar charts as its easier to grasp the information and navigate across data.

Resources: I did not use any resources.