

Dashboard to US Census Demographic Data

The Project Link:

https://public.tableau.com/app/profile/mostafa.amin2373/viz/FWD_Project/FinalStory?publish=yes

Summary:

1) Which states have the best transportation?

When filtering the best state (the darker color, the best state) "New York" we discovered that the lowest mean commute is "Jefferson Country", the most transit is "Kings Country", and there are outliers countries that affect the result like "Kings, Bronx".

Design:

- We use the map because we talk about states and countries, the darker color is the best state.
- We use the box plot chart to discover the outliers.
- We use the bar chart because we use categorical data (Country).
- We use highlight table to show the values with the darker color is the best.

2) What is the population in each country in every state?

When filtering the state "Alaska", we discovered the most populated country (the darker color) is "Anchorage Municipality Country", and the ratio of men is 51.19% and the ratio of women is 48.81%.

Design:

- We use the map because we talk about states and countries, the darker color is the most populated country.

3) What is the number of employed and unemployed in each country in every state?

When filtering the state "Texas", we discovered that the country which has the most employed and unemployed people is "Harris Country". Number of Employed is 2,081,889, and number of unemployed is 326,727.

Design:

- We use the side-by-side bar chart because we use two categorical data (Country) and want to compare between them.
- We use orange blue pallet to help people who have color blindness to understand the chart.

Resources:

- N/A