Data visualization report for final project in view of Business analytics Nanodegree.

Data source: Us censored demographic data.

Story link:

Insight for sheet 1(Employment status per state)

From the Visualization of sheet 1 the following insights were gathered.

 ❖ California has the highest employed persons (17,246,360)
 ❖ Wyoming has the lowest employed persons (293,949)
 ❖ Texas has the highest unemployed persons (1,712)
 ❖ District of Columbia has the lowest unemployed persons (10)

From the Insights above it shows that the percentage of employment is on the increase.

This visualization was represented using circle chart, because circle charts help represent quantitative data i.e. figures well

Color usage: I chose the colors so as to help color blindness

Filter: I used the income filter, which will help tell how much the employed persons earn.

Resources used: N/A

Insight for sheet 2(State by people per race)

From the Visualization of sheet 2 the following insights were gathered.

 ❖ California has the highest number of Asians (400)
 ❖ Puerto Rico & District of Columbia have the lowest number of Asians (4).
 ❖ Georgia has the highest number of Blacks (4,451)
 ❖ Puerto Rico & Hawaii have the lowest number of Blacks (4).

❖ Texas has the highest number of Whites (14,574).
❖ District of Columbia has the lowest number of Whites (36).

From the insights above it shows that the whites have the highest population in the states in terms of race and Puerto Rico has more of White people.

This visualization was represented using bar charts, because bar charts help represent quantitative data i.e. figures well

Color usage: I chose the colors so as to help color blindness

Filter: I used self-employed, which helps to show the number of self-employed persons per race.

Resources used: N/A

Insight for sheet 3(Poverty level per state).

From the Visualization of sheet 3 the following insights were gathered.

❖ Texas has the highest poverty level (4358).
❖ District of Columbia has the lowest poverty level (18).

This Visualization was represented using tree maps

Color usage: Deep blue for states with high poverty level while light blue for states with low poverty level.

Filter: I used unemployment; this show the state with the unemployment rate amidst its poverty level

Resources used: N/A