BUILD

DATA

DASHBOARDS

BY-

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Insight 1

Link-

The insight 1 is about the number of unemployment per state. For this state name was used as rows and unemployment was used as columns, the design I used was bar graphs. The bar graph shows the number of unemployment per state. The data contains here is about 51 states. The highest number of unemployment was from Texas state which had 1712 number of unemployed people and the District of Columbia had the lowest number of unemployed people which accounted 10.

We can also find the average unemployment by changing the sum option to average.

Questions asked-

Which state has the highest number of average unemployment?

Puerto Rico has the highest number of average unemployment with 19.37. We found this data by changing the sum in unemployment to average.

Insight 2

Link-

The second insight is about the Asian people living in different parts of America. I have represented this data in packed bubbles. The biggest bubble shows the highest Asian population living in a particular state. The smallest bubble shows the smallest Asian population living in one of the States. The highest bubble is of that of California, and the smallest bubble is of District of Columbia. I have also included the population of different ethnicity i.e. White population, Black population, native population and the pacific population in the bubbles. The size of the bubble will represent the size of the Asian population in the states, but when you hover over the states it will also show the population of different ethnicity at the tool tip.

Insight 3

Link:

The third insight is a dashboard that contains details about per capita income per state and poverty value. For this I have used World Map(shaded) for showing the values of per capita income also I have used box and whisker plot to show the poverty values per state. I have used filter to show the values per state. The story I want to convey through this dashboard is that the higher the Per capita income of a state the lesser should be the poverty value. The state with highest per capita income is Texas with a value of 5,982,157 followed by Virginia with a value of 3,599,697. The state with the highest value of poverty is also Texas followed Georgia with a value of 3530. The high values of Texas per capita income and poverty shows that Texas hasn't done enough compared to it's capacity to remove poverty. The District of Colombia has a per capital income of 47,675 and poverty value of just 18. This proves that District of Colombia has done good measures to remove poverty.

Also with the help of the worksheet and visualization from Insight 1 we can see that highest value of poverty is linked with highest value of unemployment .i.e. of Texas. Also District Of Colombia had lowest poverty and lowest number of Unemployment.

Sources:

- Walkthrough Video

https://www.youtube.com/watch?v=9xqHA732LMA&feature=youtu.be

- Blog from Livemint
  https://www.livemint.com/Opinion/7vj8oQm5rE9zvq5TkloDpN/The-correlation-between-poverty-and-per-capita-income.html