

Udacity Tableau Project

- This Project is made on US census demographic data

1- Link :

https://public.tableau.com/app/profile/mohamed.ibrahem/viz/Book1_16751200776890/TransportationDashboard?publish=yes

Summary: As we can see in this dashboard that Alaska has the least transportation average of 11.23, also there are no outliers for counties as most of counties with least commute times are from Alaska state. So there are no proper outliers of counties for most commute times as the closest one is Wheatland in Montana. The other sheet in the bottom claims that most used transportations using cars is in Ohio. There are reasons for making Alaska the best transportation as mostly like it's less in population more than any state

Design: I have colored the least commute bars with green color referring to the amount of money cost as the more commuted the more it comes greener in insight 1.. also in insight 2 in cars I colored it with dark yellow referring to the color of gas as trying to deliver the whole image to the viewer.. also I have tried to use the bar charts to compare among the states as categorical values with numerical values like transportation and commute amount

Resources: N/A

2- Link:

https://public.tableau.com/app/profile/mohamed.ibrahem/viz/Book1_16751200776890/IncomeandpovertyDashboard2?publish=yes

Summary: As we can see there is a relation between poverty and number of constructions as the more constructions built the more poverty occurs like Kentucky, Georgia and other states which are top in construction and poverty statistics. And yes, high poverty is close to the states which are close to the coast like Texas, Georgia.

Also income doesn't increase in the states close to coast while Alaska has the best income in the united states/ We determined the median as to get away from the outliers of the highest and lowest salaries.

Design: In insight 1 I have used dark yellow in poverty referring to the poverty as a disappointing or miserable color to reach the image to the viewer as it's not cheerful to see but with using bar charts sorted to view the most suffered states in USA ..also in insight 2 we have used brown color for constructions to refer to color of buildings and in insight 4 we have used green color in geo map for the income per capita as color of money.

Resources: N/A

3- Link:

https://public.tableau.com/app/profile/mohamed.ibrahem/viz/Book1_16751200776890/Unemploymentdashboard?publish=yes

Summary: This dashboard is about finding the relation between unemployment and poverty and it was so related and also Georgia and Texas as they suffer the most from poverty and that's because of the lack of employment. It appears to us the KPIS for the number of employees and non-employees around the USA and we have seen in insight 2 a real expansion in number of employees in public work in that time especially in Texas and Georgia

Design: We have used KPIS in dashboard with different colours to refer to no of employees, self employees and non-employees and also we have used a filter in geo map to choose any state and define the number of employees in there. Also in insight 2 we have used line charts to compare among the 3 common works in USA with different colors. Also in insight 3 we have reached the real correlation between the poverty and unemployment as the more unemployment occur the more poverty rises in a state and in insight 3 we have used red and yellow color referring to the amount of loss when it comes to poverty as in red or dark yellow as referring to unemployment.

Resources : N/A

The full story of dashboard:

https://public.tableau.com/app/profile/mohamed.ibrahem/viz/Book1_16751200776890/Story1?publish=yes