1-

Link:

https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/Sheet1?publish=yes

Summary: Looking into the map we can see that new Jersey, Maryland and Puerto Rico states have the highest avg commute time among all states with 30.06 , 29,97 and 28.57 . Alaska is the state with the least avg commute time with 11.23 mins

Design: Choosing a map and avg commute time as mark to detect by color which states have highest and lowest avg commute time and it us easier on eye to follow the color intensity and compare

Resources: NA

2-

Link:

https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/Sheet2?publish=yes

Summary: However, California has the highest number of population around 38.5 millions its avg commute time is not the highest it is 24.97

New Jersey and Maryland who has the highest avg commute time have 9 and 6 millions populations respectively and around 30 mins avg commute which is not good when comparing them to California

Among states who have lowest number of population District of Columbia wit 647 thousand of population and still has high avg commute time 29.7 still needs an enhancement and to look into reasons same applies to West Virginia which is not acting as its around number of pop states like Nebraska

Design: To come into conclusion what is the best state in terms of avg commute time I thought to compare avg commute time and total number of population both in same graph (using dual axis) to compare state having similar avg commute time but they are different in total number of population

Resources: NA

3-

Link: Workbook combing last 2 worksets

https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/Averagemeancommutetimevstotalpopulation?publish=yes

From upper part you can know in the state in term of avg commute time how it is in comparison of other state by color mark in below part it is easier to know this state in term of population order and compare it is avg commute time with others with similar population

4- Link: https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/Avgincomevsstate?publish=yes

Summary: New Jersey is the highest avg income state reaching 73,014 while Puerto Rico is the lowest reaching 17,920

Design: Choosing Bar char is easier when comparing states and sorting them

Resources: NA

5- Link:

https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/ProfessionalvsAvgincomeperstate?publish=yes

Summary: From scatter plot we can see that there is negative correlation between avg income and number of professionals. When number of professional increases the avg incomes decreases.

Avg income from 60k to 70 K has the lowest number of professionals

Design: Choosing scatter plot to see the correlation between number of professionals and avg income

Resources: NA

6- Link: https://public.tableau.com/app/profile/christine.raouf/viz/Project_16577313478990/Dashboard2?publish=yes

Dashboard from above 2 sheets same idea as previous dashboard from upper section you can know avg income of specific state and compare it from below section in terms of number of professionals