

Documenting the process of replicating the workbook:

The link of the workbook:

<https://public.tableau.com/app/profile/kendra.blalock/viz/USRatesofMethamphetamineUseNSDUH2019/Dashboard1>

1. What is the workbook about

Ans: The data that has been used to calculate the use rate of methamphetamine across US from the year 2018-19. The workbook was created by Kendra Blalock using tableau. The charts try to depict the use rates of methamphetamine across US from the year 2018-19 National Survey on drug use and health.

2. Why did you find it interesting.

Ans: I find it interesting how the author has conveyed such complex information that is percentage of people under age 12 or older using Methamphetamine throughout US state wise using the maps feature of Tableau.

3. What new things did you learn from workbook about tableau.

Ans: While working on the maps feature, I learnt how to use the whitewash feature to remove the background states or countries to increase the interpretability of the visualization of data. Also, using the float feature I was able to stack one visualization on top of other to create the dashboard.

4. How much were you able to replicate it.

Ans: I was able to replicate almost everything of the workbook that I selected except how the author in the original workbook calculated the percent of total for each given state. While performing that in the edit color selecting the same start and end points gave me different results than I expected

Visualization:

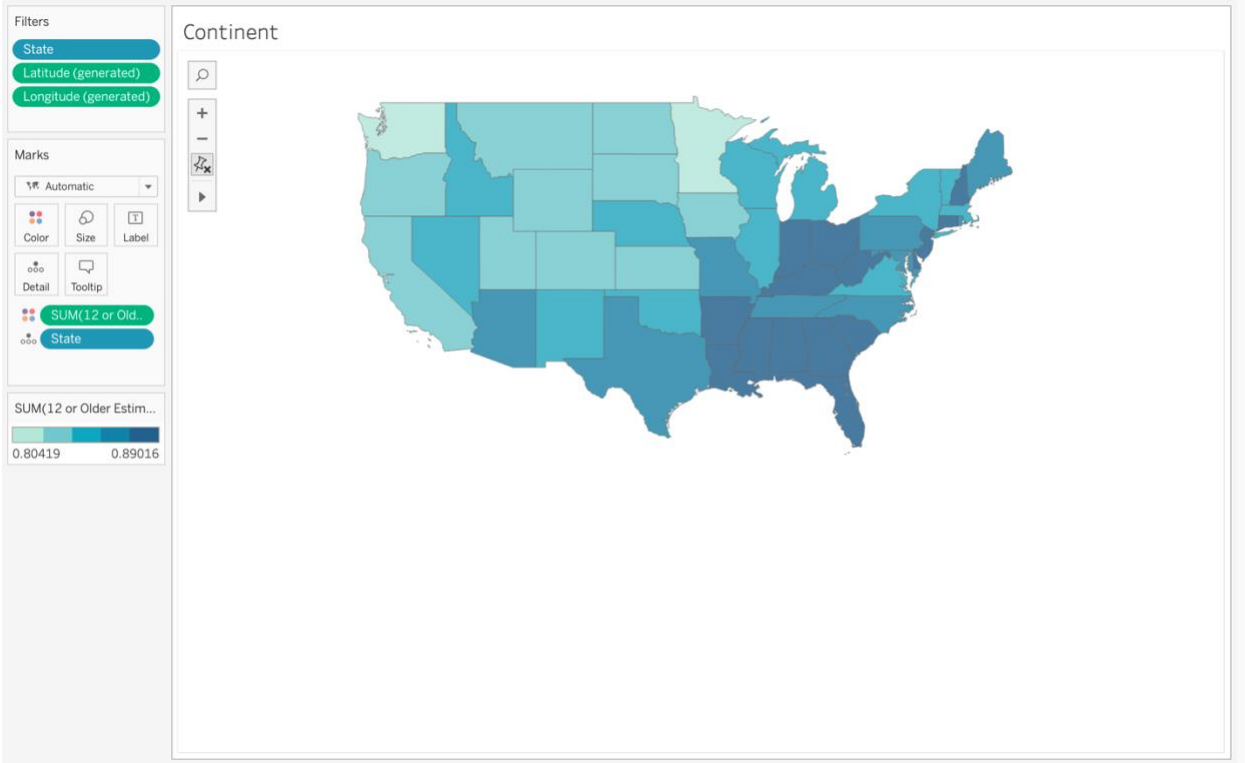
About the visualizations:

The visualization has been done to find out the number of people that are 12 year or older and use **methamphetamine** in the year 2018-2019. The aim of the visualization was to plot graph for the use rate of the drug across each state of United State.

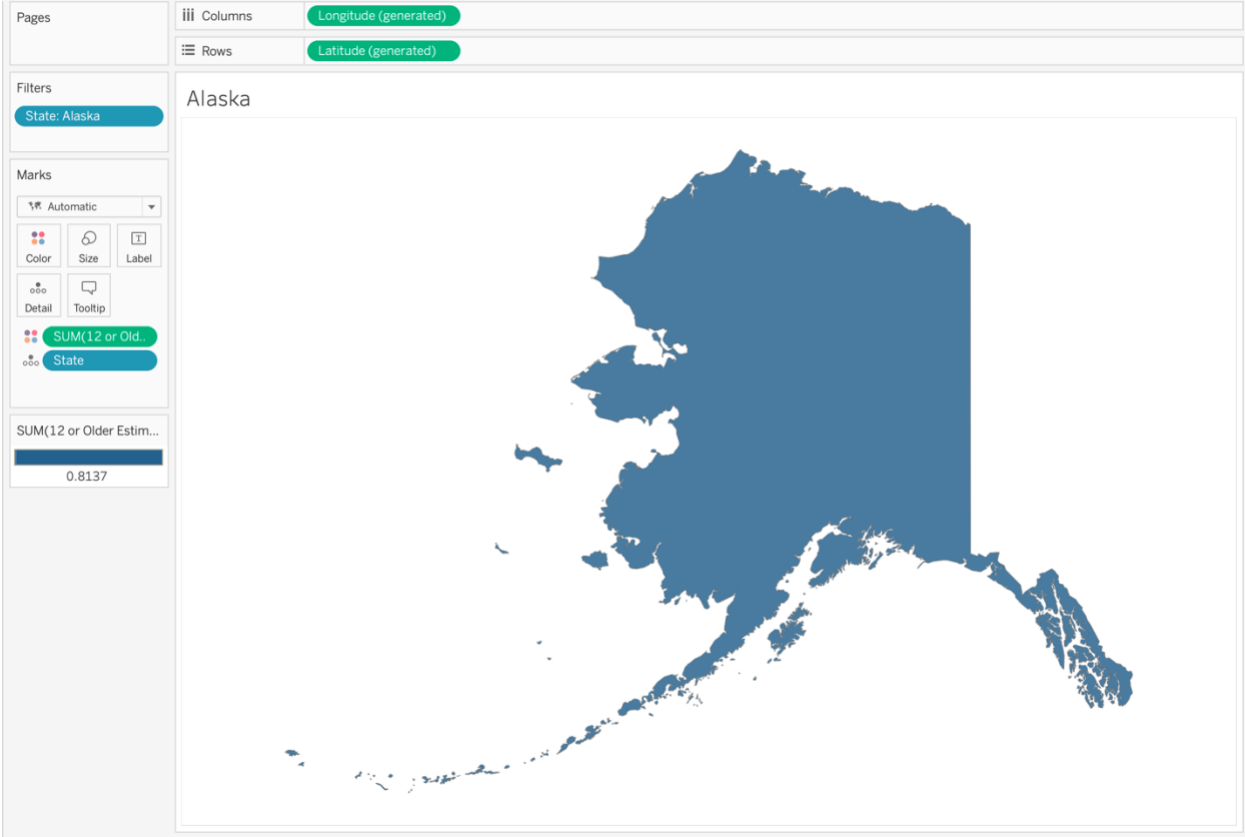
Inference from the visualization:

The visualization depicts number of people that are 12 year or older and use **methamphetamine** in the year 2018-2019. Details of the each state can be seen while hovering over each state the light blue are the states with less percentage of user and the more the dark blue color are states with higher number of users.

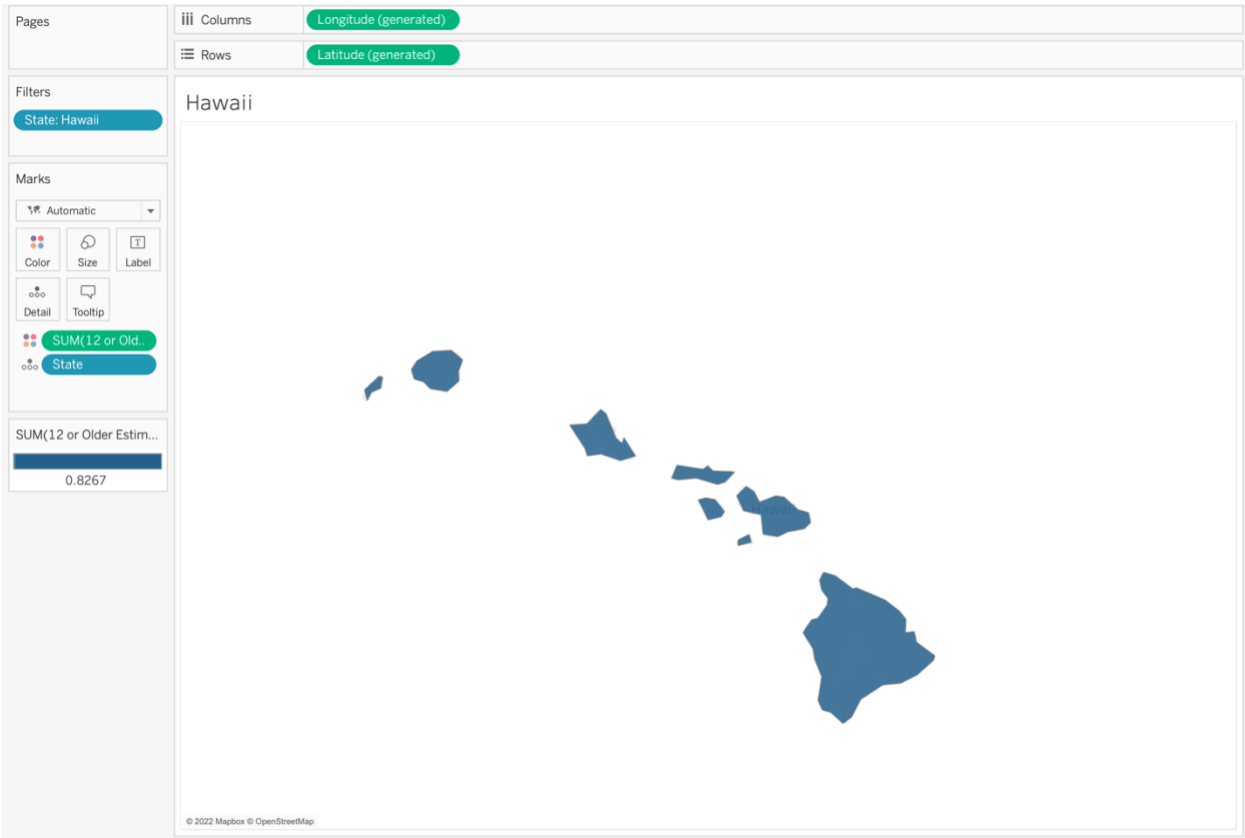
Visualization 1:



Visualization 2:



Visualization 3:



Visualization 4:

