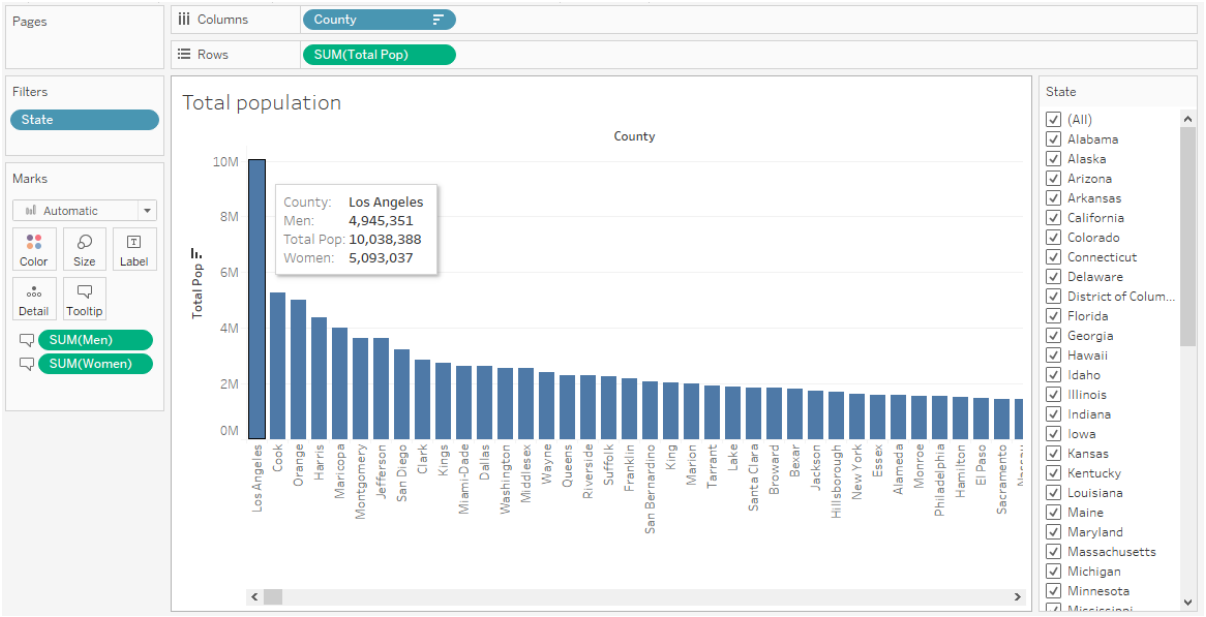
Insight 1

- Link:
  - https://public.tableau.com/app/profile/ahmed5474/viz/NumberofIndividualsperCountywithStatefilter/Totalpopulation?publish=yes
- Screenshot:

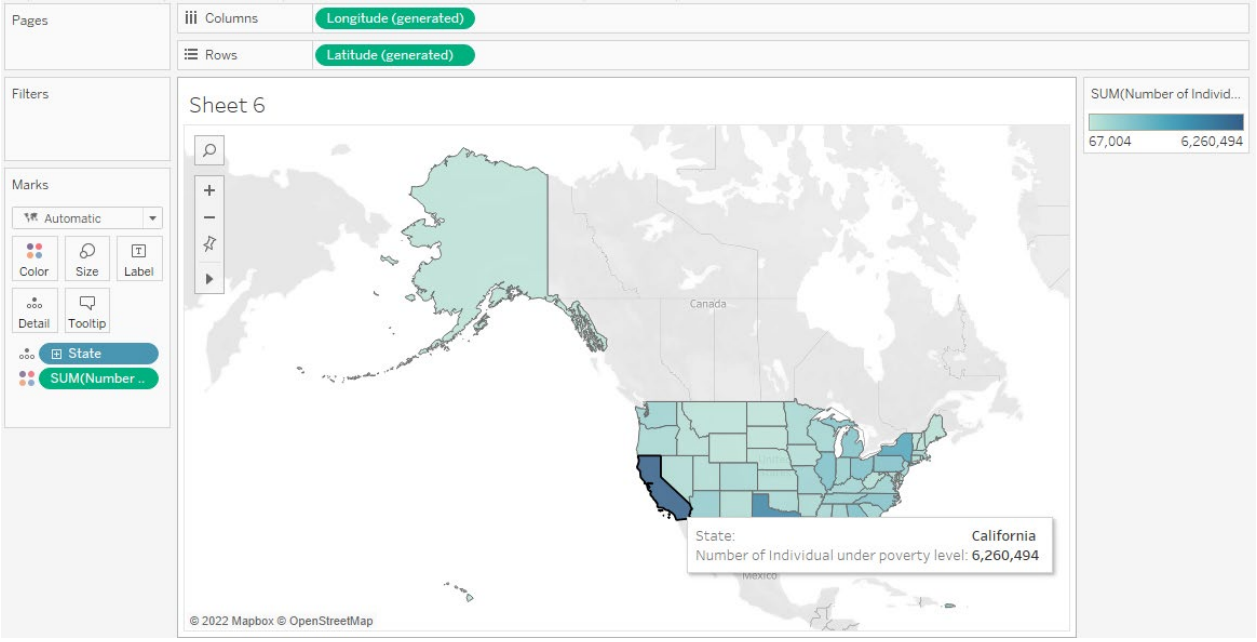


- Comment:
  - From this Bar Chart we can see counties with the largest and smallest population. It appears that the County of Los Angeles has the largest population (10,038,388). It also appears that the County of Kalawao has the smallest population (58)
  - This chart includes state filter if we want to categorize our analysis per state.
  - This chart also include a tool tip that can illustrate data for men and women.
  - Since I need to do Univariate Categorical data analysis the bar chart will be the most appropriate
  - I used less intense colors (blue) and not included useless many colors I also coose blue to suit colorblind individuals and avoided red and green.
  - I avoided the use of 3D charts to not mislead who sees it.

++

Insight 2

- Link:
  - https://public.tableau.com/app/profile/ahmed5474/viz/NumberofIndividualsunderpovertylevel/UnderPoverty?publish=yes
- Screenshot:

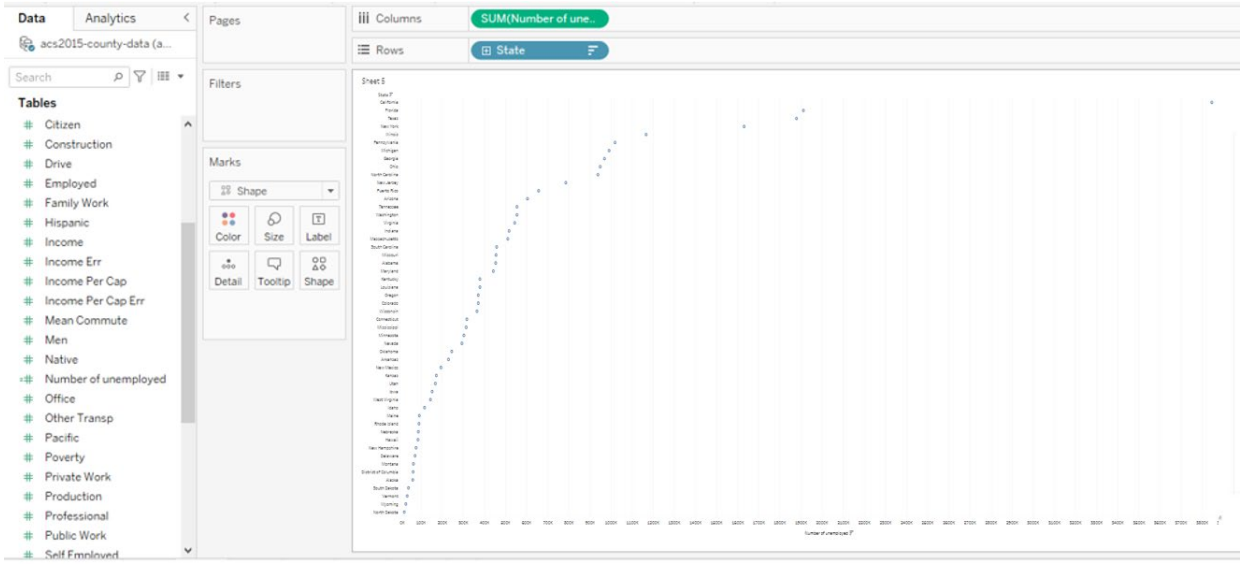


- Comment:
  - I wanted to find the states with the highest and lowest number of individuals under poverty level.
  - I created a calculated field and named it “Number of individuals under poverty level” by multiplying poverty percentage with the total population and dividing by 100.
  - From this map we can see states with the largest and smallest number of individuals under poverty level. It appears California is the state with the largest number of individuals under poverty level with 6,260,949 Individuals. It also appears that Wyoming is the state with the smallest number of individuals under poverty level with 67,004 Individuals.
  - Because this is geographic data, so it might also be interesting to look at it as a map
  - I used less intense colors (blue) and not included useless many colors I also coose blue to suit colorblind individuals and avoided red and green.
  - I avoided the use of 3D charts to not mislead who sees it.

++

Insight 3

- Link:
  - https://public.tableau.com/app/profile/ahmed5474/viz/NumberofUnemployedperState/NumberofUnemployedperState?publish=yes
- Screenshot:



- Comment:
  - I wanted to find the states with the highest and lowest number of unemployed individuals.
  - I created a calculated field by multiplying unemployment percentage with the total population and dividing by 100.
  - From the visualization we can see states with the highest and lowest number of unemployed individuals. It appears that the state with the highest number of unemployed individuals is California (3,845,640). It also appears that the state with the lowest number of unemployed individuals is North Dakota (21,034).
  - I used less intense colors (blue) and not included useless many colors I also coose blue to suit colorblind individuals and avoided red and green.
  - I avoided the use of 3D charts to not mislead who sees it.

++

Insight 4

- Link:
  - https://public.tableau.com/app/profile/ahmed5474/viz/Dashboard_16446157766130/Dashboard1?publish=yes
- Screenshot:

➢ Comment:

- This Dashboard analyze multiple sheets Like Total population per county with state filter, Individuals under poverty per state, Number of unemployed per state, and also include a bubble chart illustrates Number of Employed individuals per state.
- Form this visualization we can find more useful information like California has the highest number of employed individuals with 17,246,360 and Wyoming has the lowest number of employed individuals with 293,949.
- It presents multiple aspects of the data all in one visual.
- I used less intense colors (blue) and not included useless many colors I also coose blue to suit colorblind individuals and avoided red and green.
- I avoided the use of 3D charts to not mislead who sees it.

++