Introduction :

Here, I will explore US Census Demographic Data

Summary :

According to our visualizations, firstly I've discovered that **the State of Alaska** has the least Avg of **Mean Commute** which equals **11.23 minutes.** Also, **the County of Aleutians of East Bourough** has the least Avg of **Mean Commute** which equals **4.900 minutes.** Secondly, we have a **+ve correlation relationship** between the **Unemployment rate** with **Poverty** and **Child Poverty** rates. And **the State of Puerto Rico** has the most Avg **Unemployment** and **Poverty rates of 19.371** and **49.37** respectively. In addition, we have the **State of Texas** has the largest **percentage of total Income** equaling **7.965%**. Finally, there is a **+ve relationship** between **Construction** and **Production** rates in terms of **total Income,** especially in **the states of Texas and Georgia** which have the highest rates.

Design :

Firstly, while trying to know about the relationship between poverty and unemployment rate, I used **scatter plot** and **trend line** to know about it. Also to determine which states have the most unemployment rates, I tried **maps** and then found using **area** could be more suitable for readers to see results clearly as the states are **sorted in descending order** starting from **Puerto Rico** which has the highest unemployment rate. After that, when I needed to know **which state** has the highest **percentage of total income**, I used the **packed bubbles method** mainly to be different visualization and I saw it as more attractive to the reader.

Links :

1st dashboard:
https://public.tableau.com/app/profile/mohamed.asem/viz/Insight1USCensusDemographicData/Dashboard1

2nd dashboard:
https://public.tableau.com/app/profile/mohamed.asem/viz/Insight2USCensusDemographicData/Dashboard2

3rd dashboard and story:
https://public.tableau.com/app/profile/mohamed.asem/viz/Insight3USCensusDemographicData/Story1

Resources :

1) Udacity Tableau Project (2015 US census data) | Tableau Public
2) Profile - oladayo.oladipupo | Tableau Public