Name: Muhammed Amr Shehata Muhammed
FWD
Data Analysts Advanced Track

US Census Demographic Data

I- Which states have the best transportation?

- **LINK:**
  https://public.tableau.com/views/problem1_16602556512500/PROBLEMI?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **SUMMARY:** New York seems to be the best state according to the transportation. This is the intuition that you will get if you focus on the map only, but if you see the other two sheets you will easily know that columbia is the best. By using the trade off between transit and mean commute time to show that in that dashboard.

II- How does income and poverty look across America?

- **LINK:**
  https://public.tableau.com/views/HowdoesincomeandpovertylookacrossAmerica_16602974251920/HowdoesincomeandpovertylookacrossAmerica?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **SUMMARY:** From the dashboard in the link if we focus on the scatterplot we can see that as income increases, poverty

increases. When people know that Texas for example is an excellent earning state all Americans go there to find jobs so poverty increases. So, these states will conclude with a large population as we can see with filters.

III- These dashboard have many questions to ask

- What region of usa the african american exist the most and what is their relation with child poverty?
- What states hispanic and asian american exist the most?

But the main reason I made it is to understand the population distribution of America more.

- **LINK:**
  https://public.tableau.com/views/problrm3/Dashboard3?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link
- **SUMMARY: I-** African american mainly exist in the southeast of usa. We all know that racism still lives there and probably it will not fade. So, the main reason that most Africans live in a certain region is racism.

  II- Haspanic and asian are minority there and from the map we can see that most haspanic exist in taxes as their main reason is to make money, while asian are mainly exist in california as their main reason is to chill and live because they probably rich people.