Tracing The Growth of the Global Community: A Population Forecasting Analysis

INTRODUCTION:

OVERVIEW:

Population in sociology refers to the number of human beings.

It means the total number or collection of people in a city or region or country or the world.

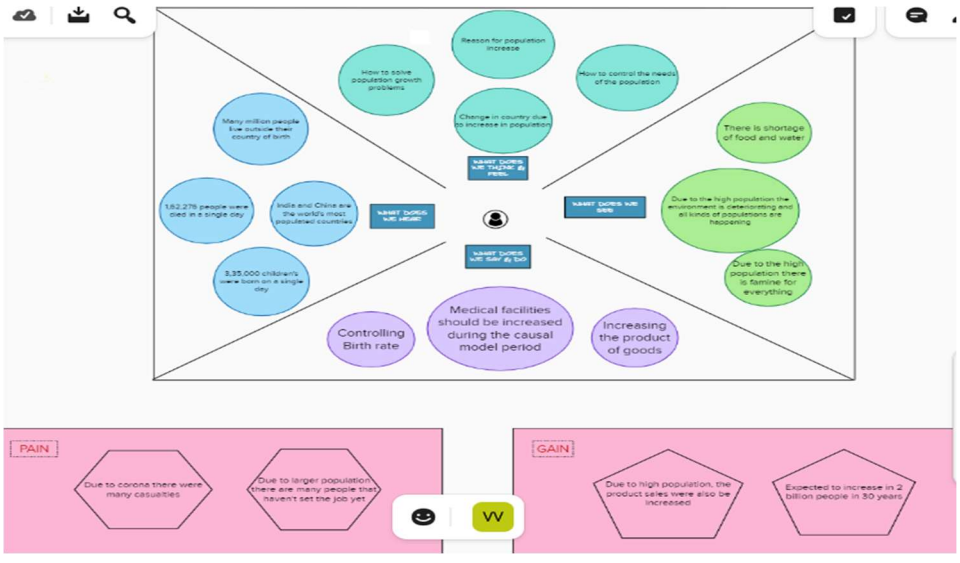
The total population of the world at a given time is the world at a given time is the world population is called sum.

PURPOSE:

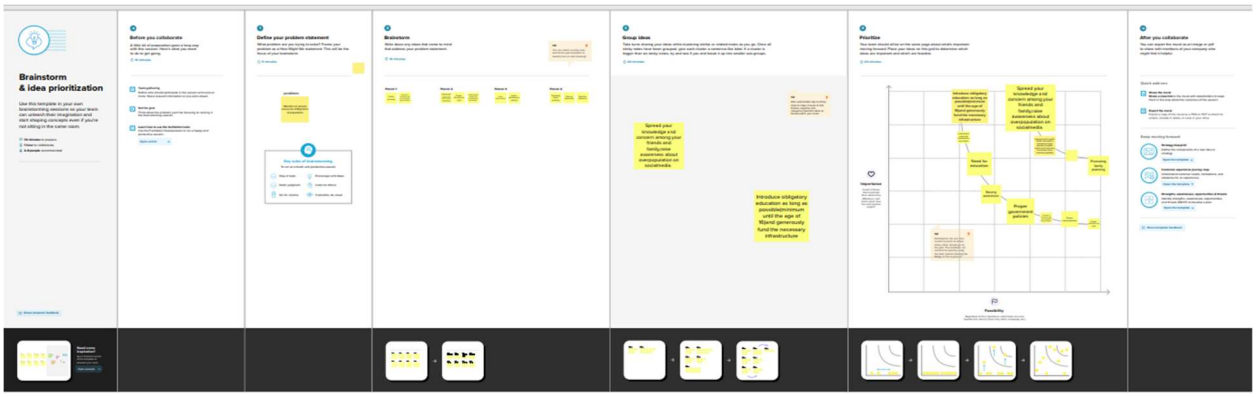
Information about Why is the population increasing? What measures should we take to control it? changes in population in different countries? and changes in birth and death rates can be found here.

PROBLEM DEFINITION AND DESIGN THINKING:

EMPATHY MAP:

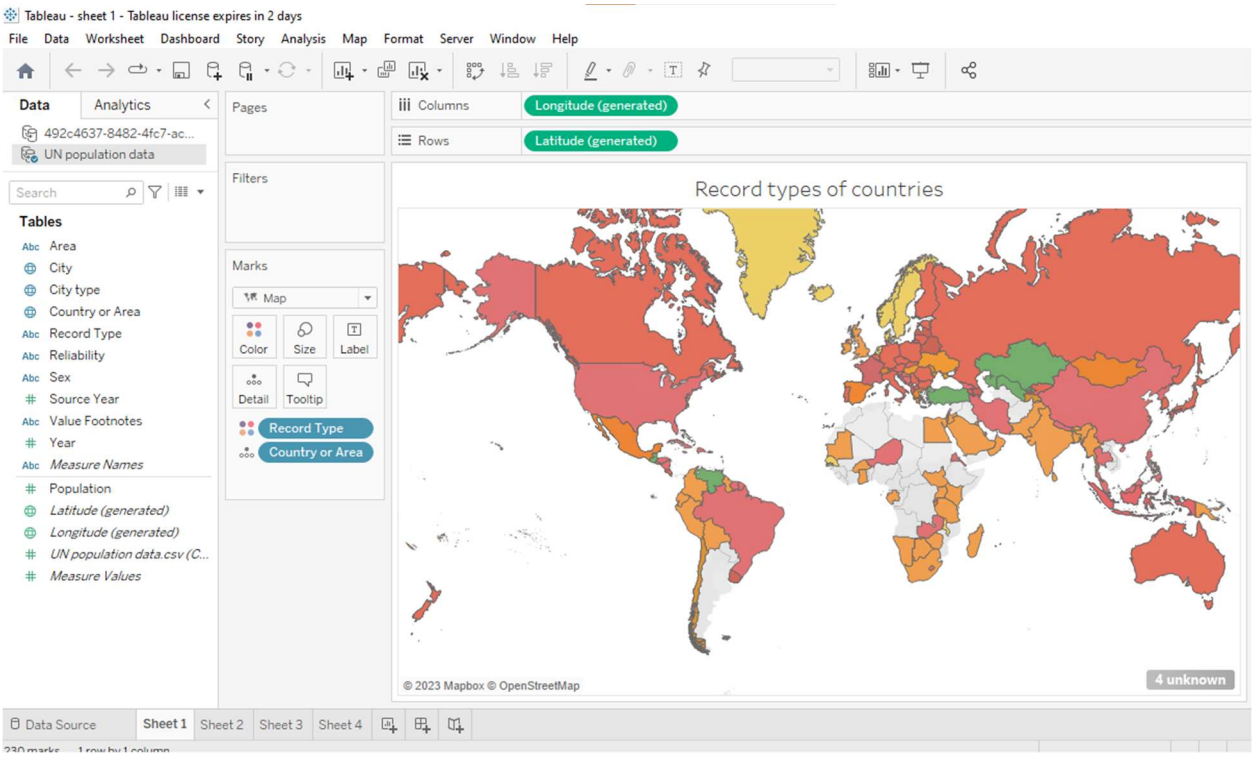


IDEATION AND BRAINSTORMING MAP:



RESULT:

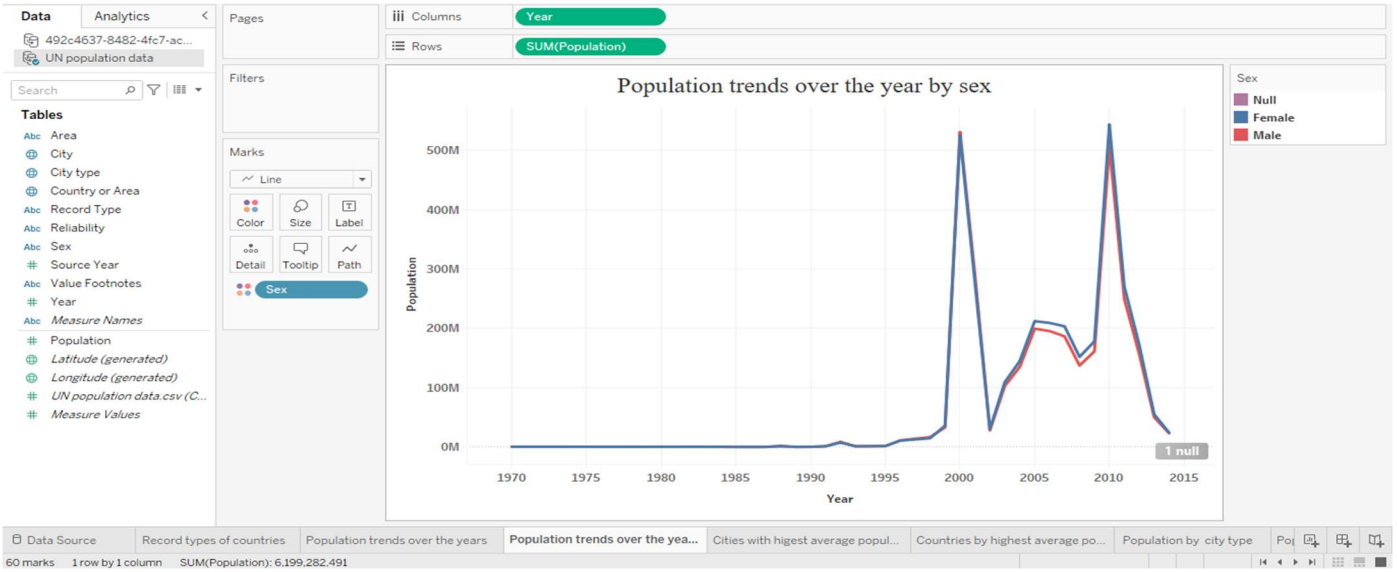
RECORD TYPES OF COUNTRIES:



Census data for different countries are shown in different colors in this maps.

Examples:Russian ,Australian,Canada,Germany,Poland, France.

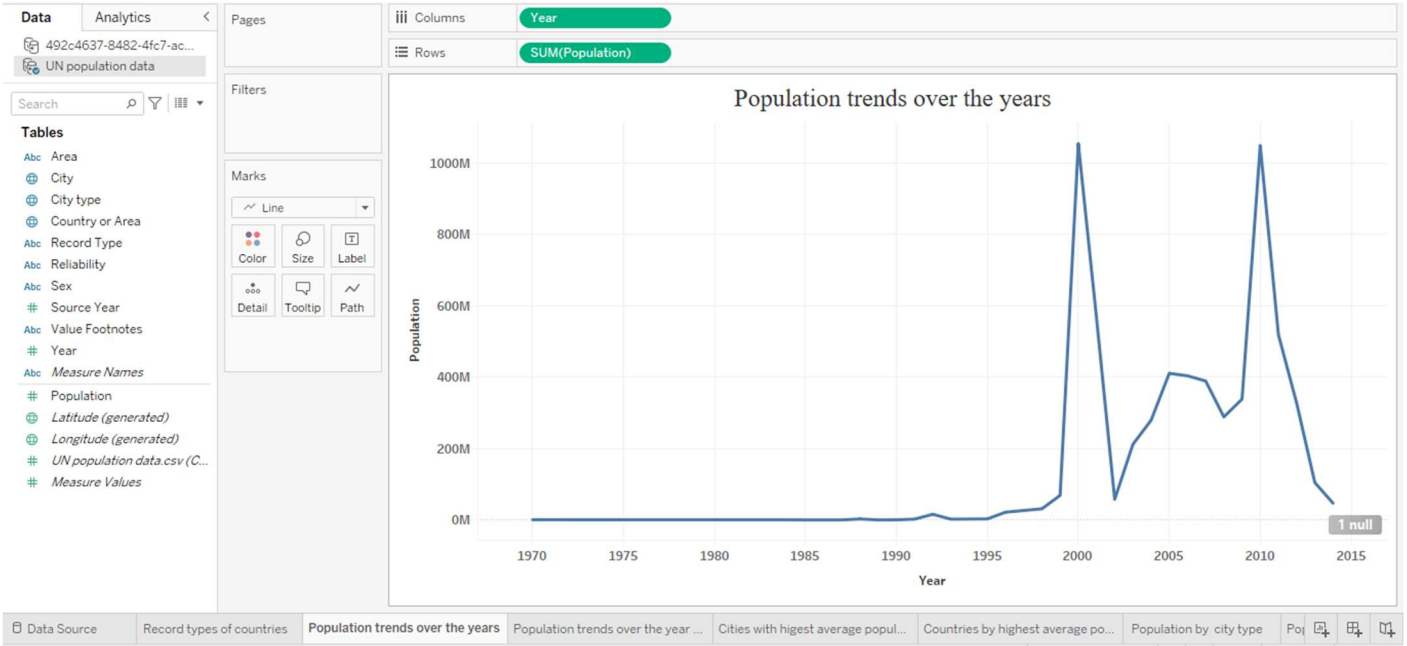
POPULATION TRENDS OVER THE YEARS:



This graph grapically shows the changes in male and female population each year.

Example: The male to female ratio has been fluctuating since 1995.The number of males is shown in red color and the number of females is shown in blue color.

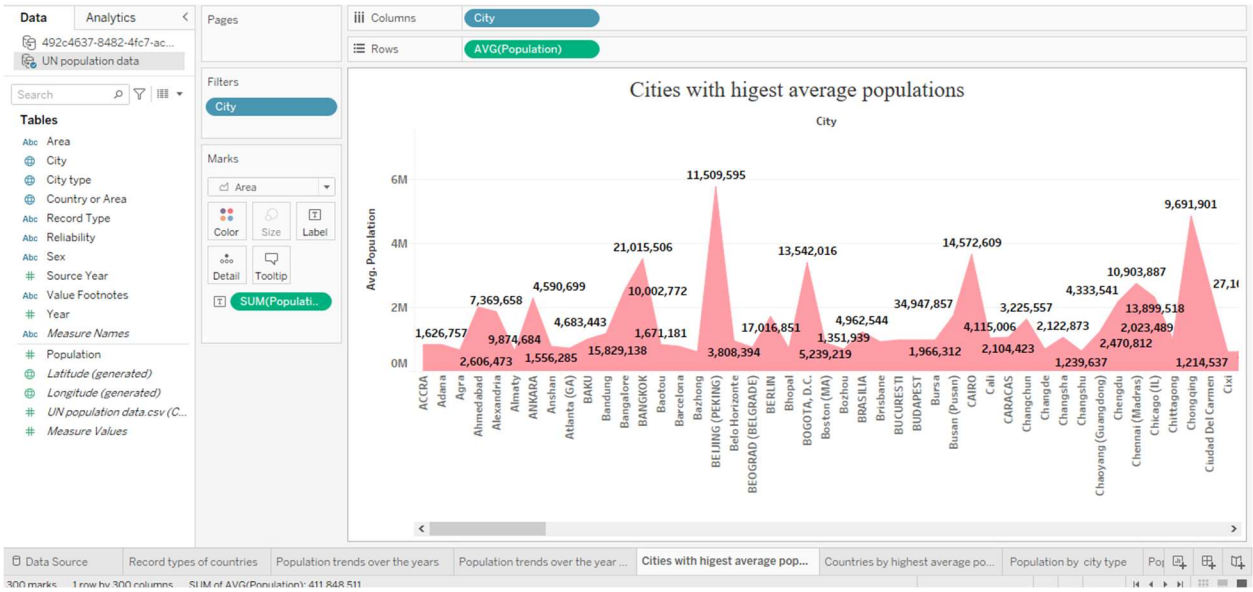
POPULATION TRENDS OVER THE YEARS:



A balanced population from 1970-2000 has fluctuated in subsequent year.

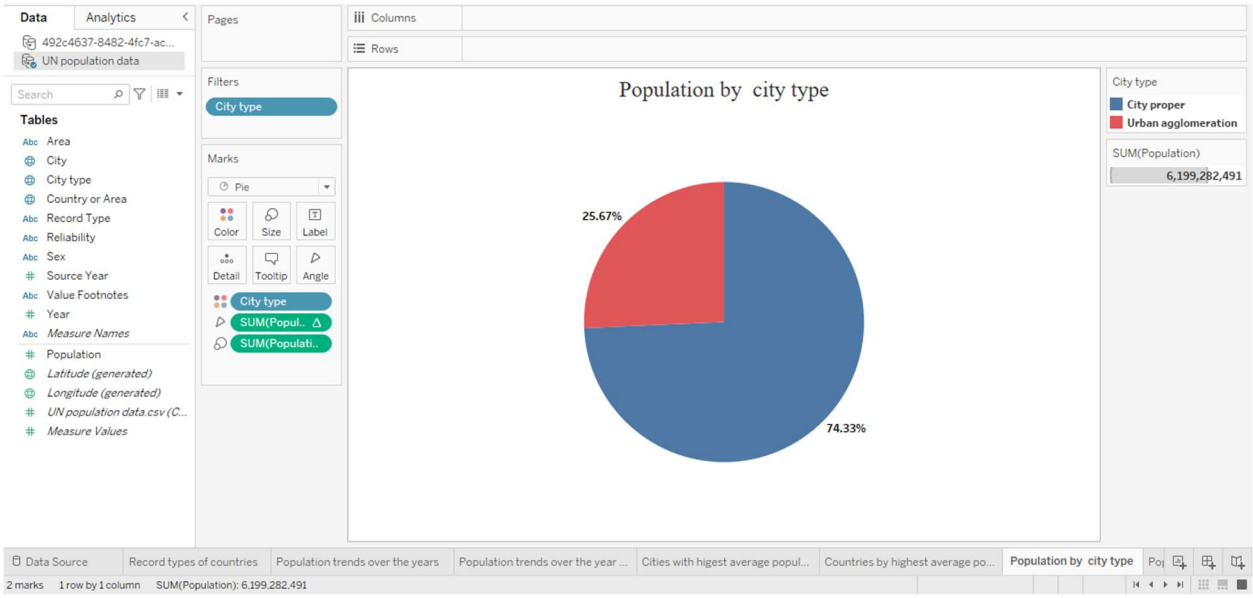
Example: 1970-2000 and 2000-2005

CITIES WITH HIGHEST AVERAGE POPULATIONS:



From this map, we can find out the average population in each city.

POPULATION BY CITY TYPE:

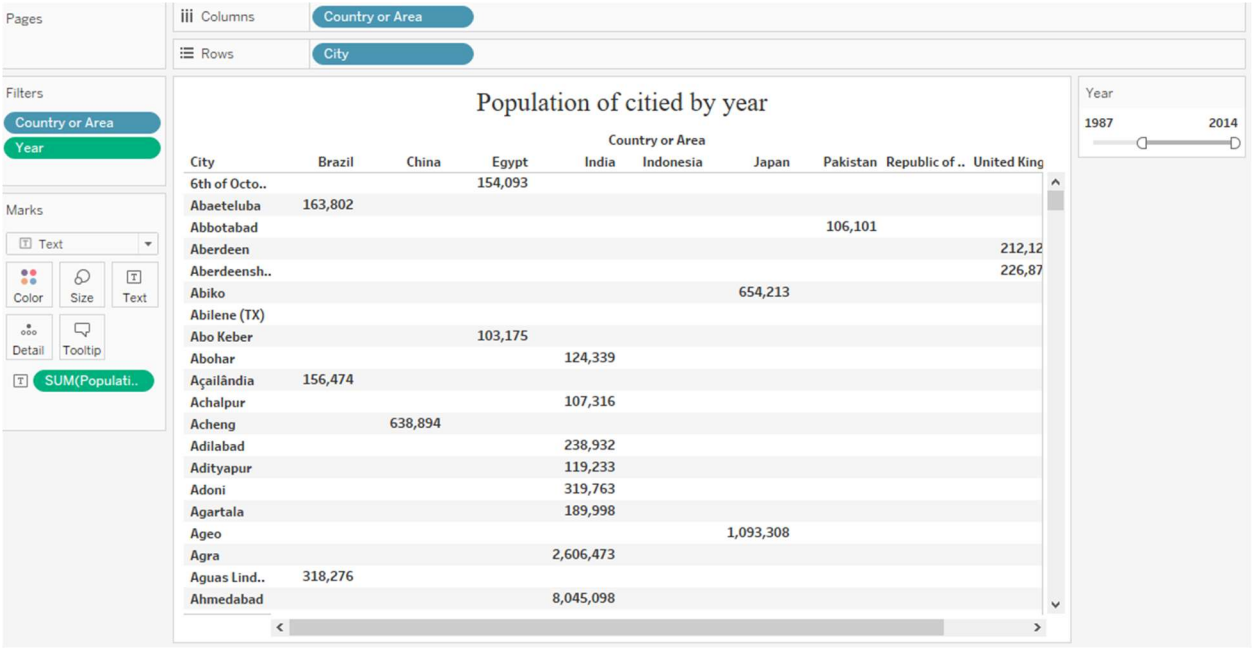


COUNTRIES BY HIGHEST AVERAGE POPULATION FROM 2000-2014:

This graph shows the average population by country from 2000-2014.

Example: China has the largest population in the world.

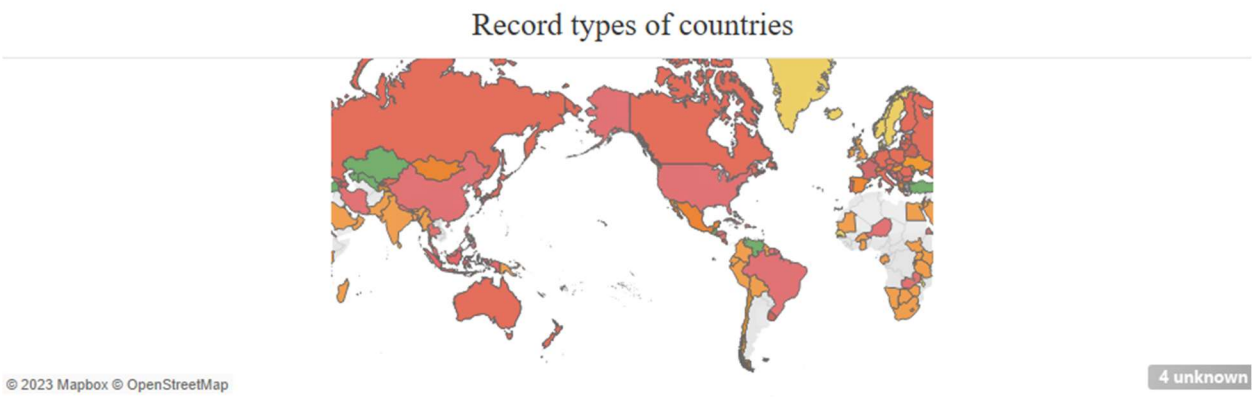
POPULATION OF CITIED BY YEAR:

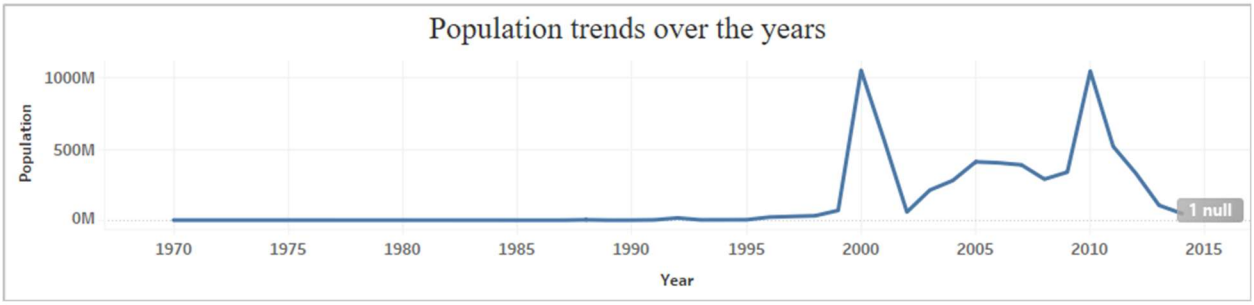


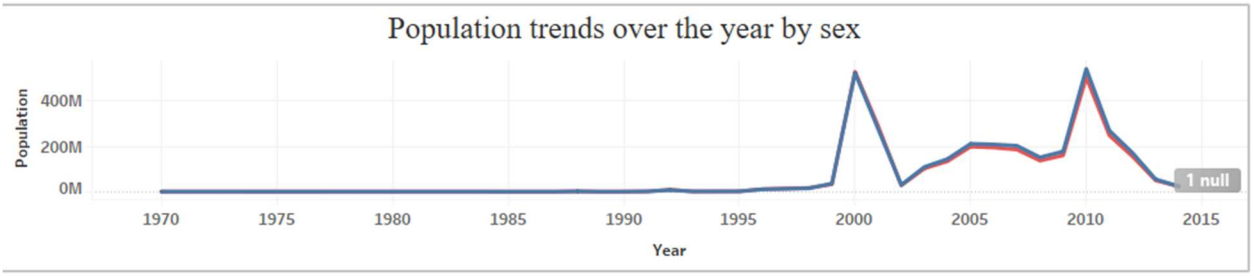
City	Brazil	China	Egypt	India	Indonesia	Japan	Pakistan	Republic of ..	United King
6th of Octo..			154,093						
Abaeteluba	163,802								
Abbotabad							106,101		
Aberdeen									212,12
Aberdeensh..									226,87
Abiko						654,213			
Abilene (TX)									
Abo Keber			103,175						
Abohar				124,339					
Açailândia	156,474								
Achalpur				107,316					
Acheng		638,894							
Adilabad				238,932					
Adityapur				119,233					
Adoni				319,763					
Agartala				189,998					
Ageo						1,093,308			
Agra				2,606,473					
Aguas Lind..	318,276								
Ahmedabad				8,045,098					

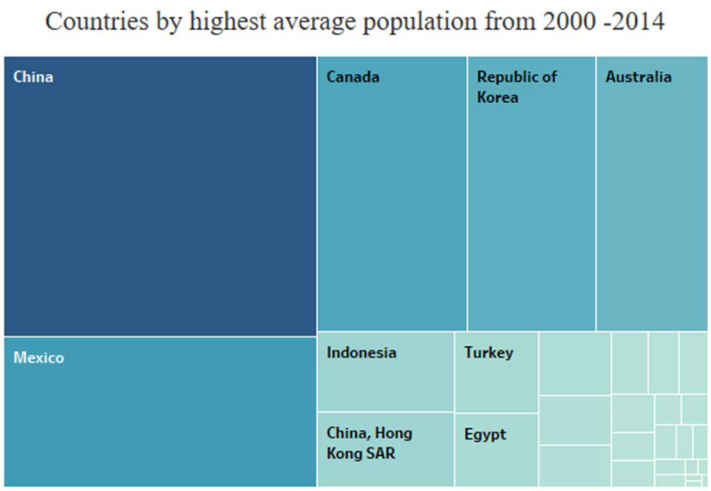
The population of each city is tabulated by year.

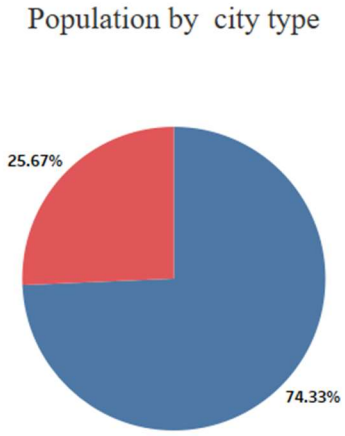
Dashboards

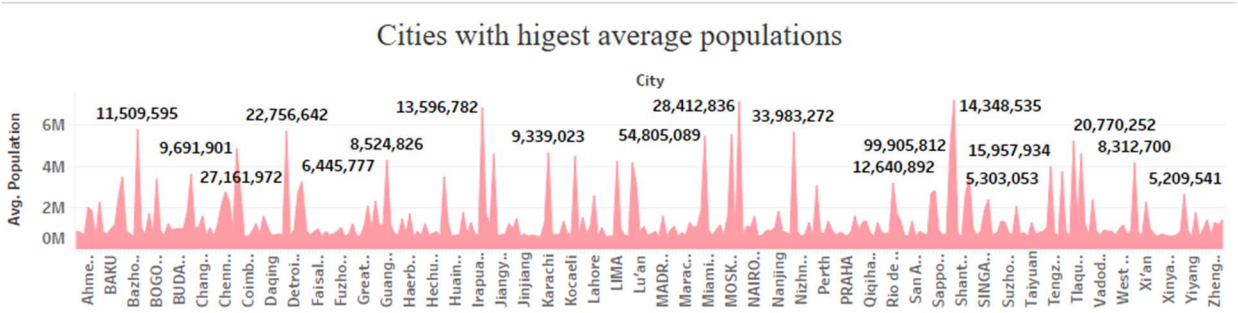

Record types of countries
© 2023 Mapbox © OpenStreetMap
4 unknown


Population trends over the years
Population
1000M
500M
0M
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
Year
1 null


Population trends over the year by sex
Population
400M
200M
0M
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
Year
1 null







ADVANTAGES AND DISADVANTAGES:

ADVANTAGES:

- More people leads to greater human capital.
- Higher economic growth.
- Economies of scale.
- The efficiency of higher population density.
- The improved demographic structure of society.
- Critical mass.

DISADVANTAGES:

- Low Per Capita Income.
- Low Quality of Life.
- Environmental Degradation and Others.
- The number of unproductive consumers is increasing.

- Unemployment / increased dependency.
- Water shortages.

CONCLUSION:

Every year there is more variation in the population. Especially between 2000 and 2015 the male to female ratio varied greatly. In the same years, the population ration has also fluctuated. According to the census of different countries, china is the first countries so the demand of people in that country in increasing.so the production also increases in that country.

FUTURE SCOPE:

It is our duty to take the information we have collected about the population to the people and make them aware of its importance .so we can keep the population under control as much as possible.

Apandix:

file:///C:/Users/dell/Documents/Tracing%20the%20growth%20of%20the%20global%20community/Arsha/index.html

Dashboard 1

https://public.tableau.com/views/Dashboard1_16812059995930/Dashboard1?:language=en-US&:display_count=n&:origin=viz_share_link

Dashboard 2

https://public.tableau.com/views/Dashboard2_16812061295450/Dashboard2?:language=en-US&:display_count=n&:origin=viz_share_link

Story

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