TRACING THE GROWTH OF THE GLOBAL COMMUNITY : A POPULATION FORECASTING ANALYSIS

Team leader:

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TEAM MEMBERS :

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1.INTRODUCTION

1.1 overview

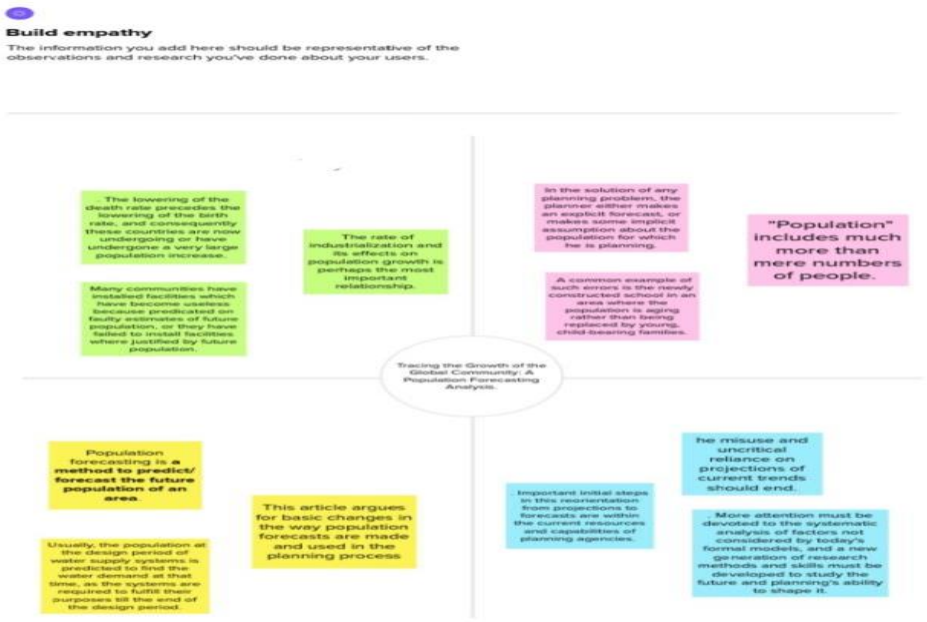
The world's population is more than three times larger than it was in the mid twentieth century. The global human population reached 8.0 billion in mid November 2022 from an estimated 2.5 on people on 1950, the dramatic growth has been driven largely by increasing numbers of people surviving to reproductive age.

1.2 Purpose

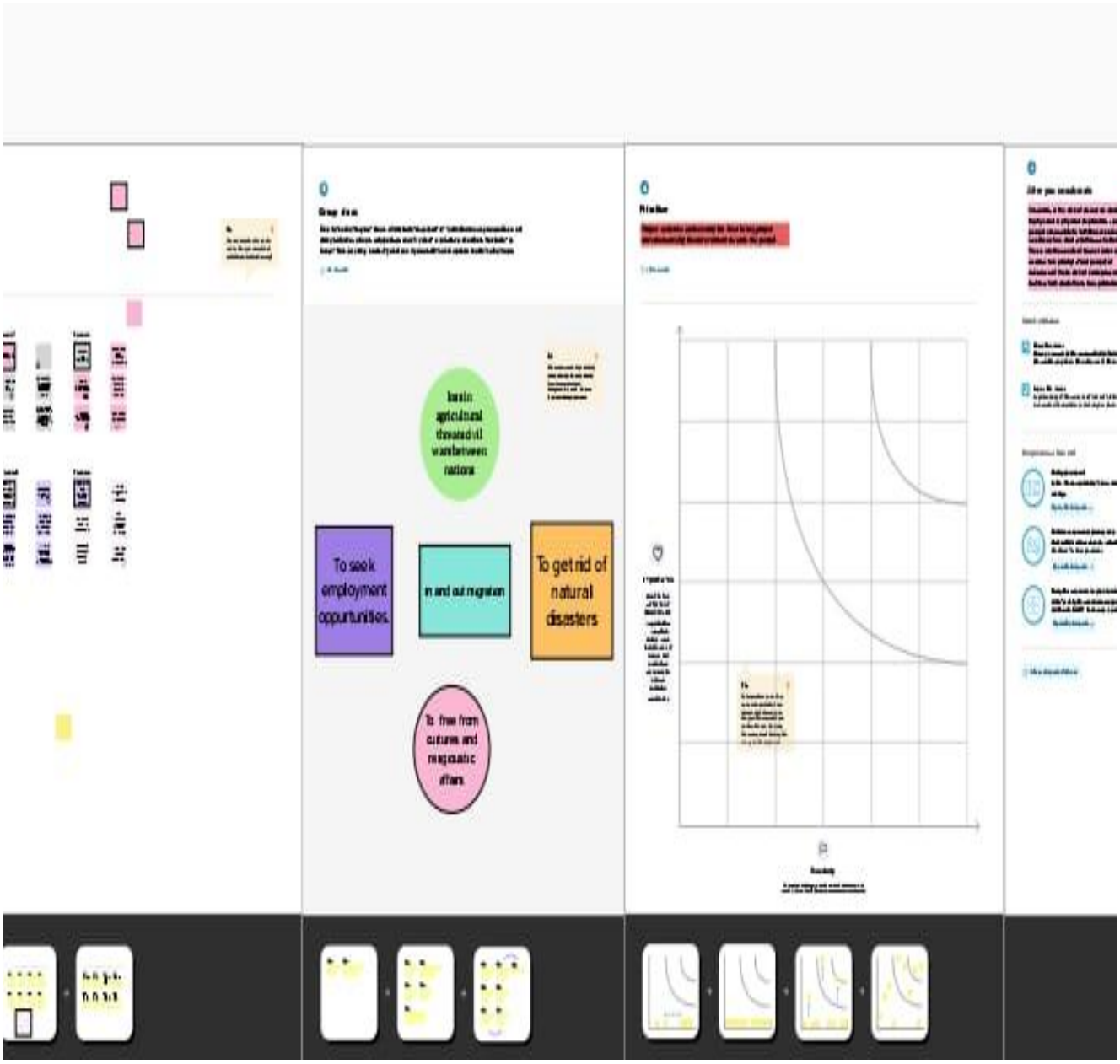
A population projection gives a picture Of what the future size and structure of the population by sex and age might look like. It is based on the knowledge Of the past trends, and for the future on the assumption made for three Components : fertility, mortality and migration.

2.PROBLEM DEFINITION AND DESIGN THINKING

2.1 EMPATHY MAP



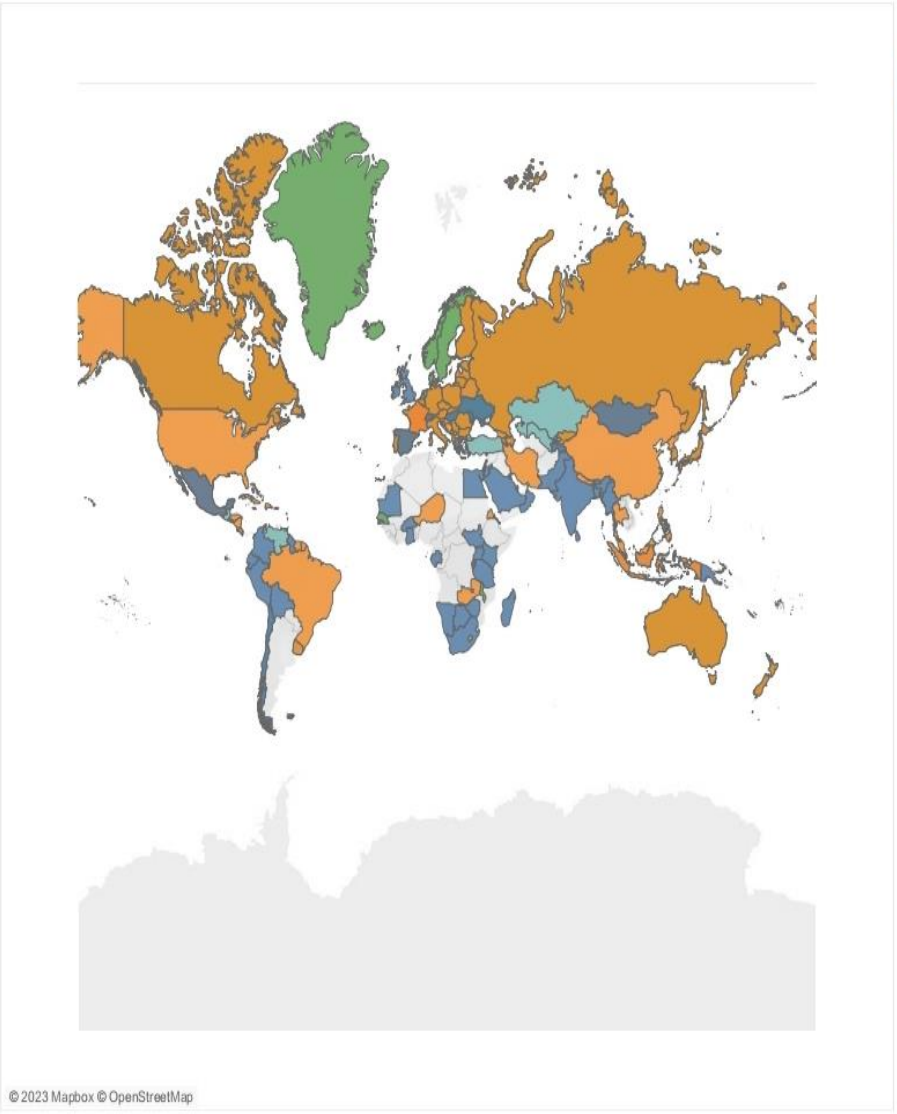
2.2 Ideation and Brainstorming Map


basis agricultural
To seek employment opportunities
in and out migration
To get rid of natural disasters
To free from cultures and religiousstic others

3.RESULT

Story 1

This is a geographic map.It shows all the countries according to the popula..	This is a graph.It shows the trends of countries over year with population	This is a graph.It shows the trends of countries over year with population i..	This is a bar graph.It shows all the countries with their average highest ..	Thi s i..



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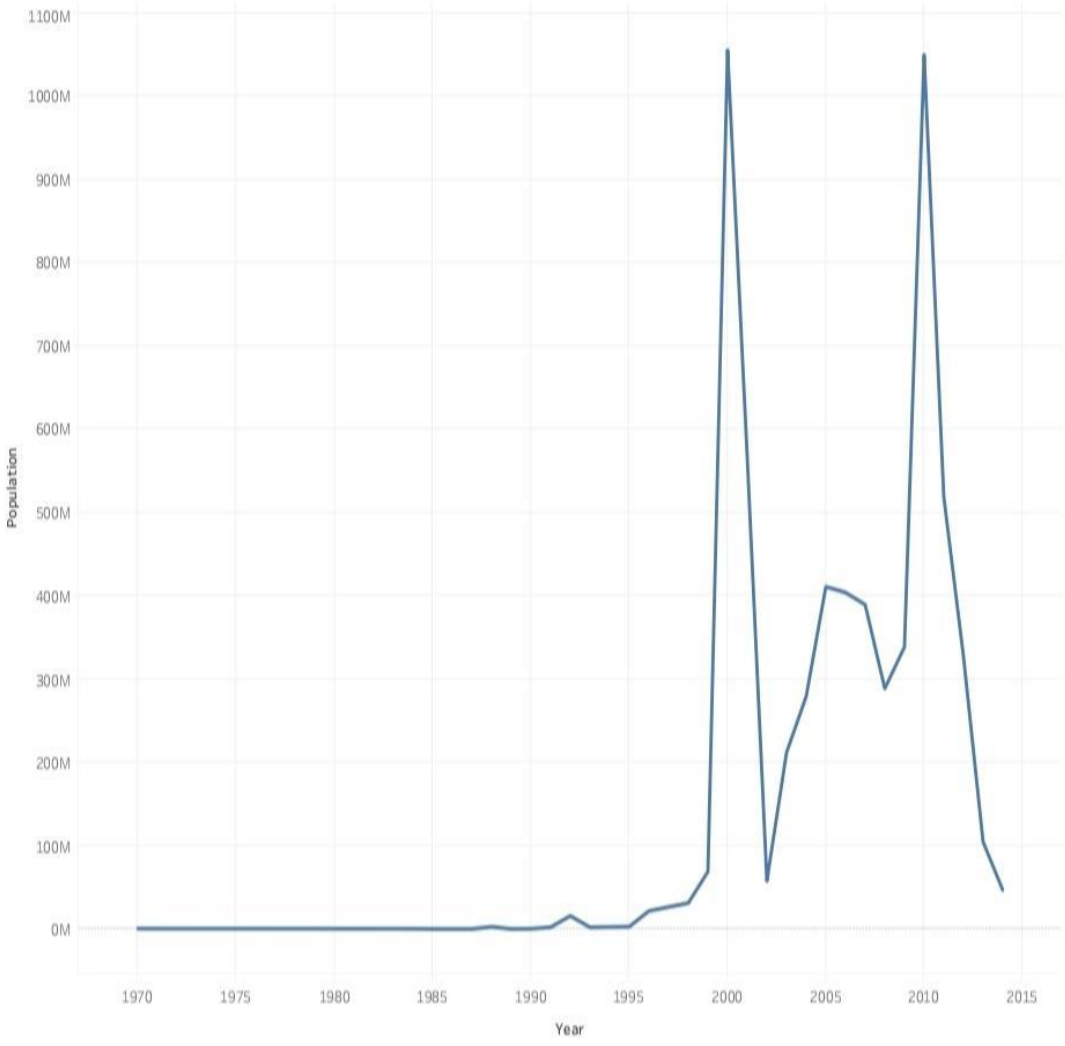
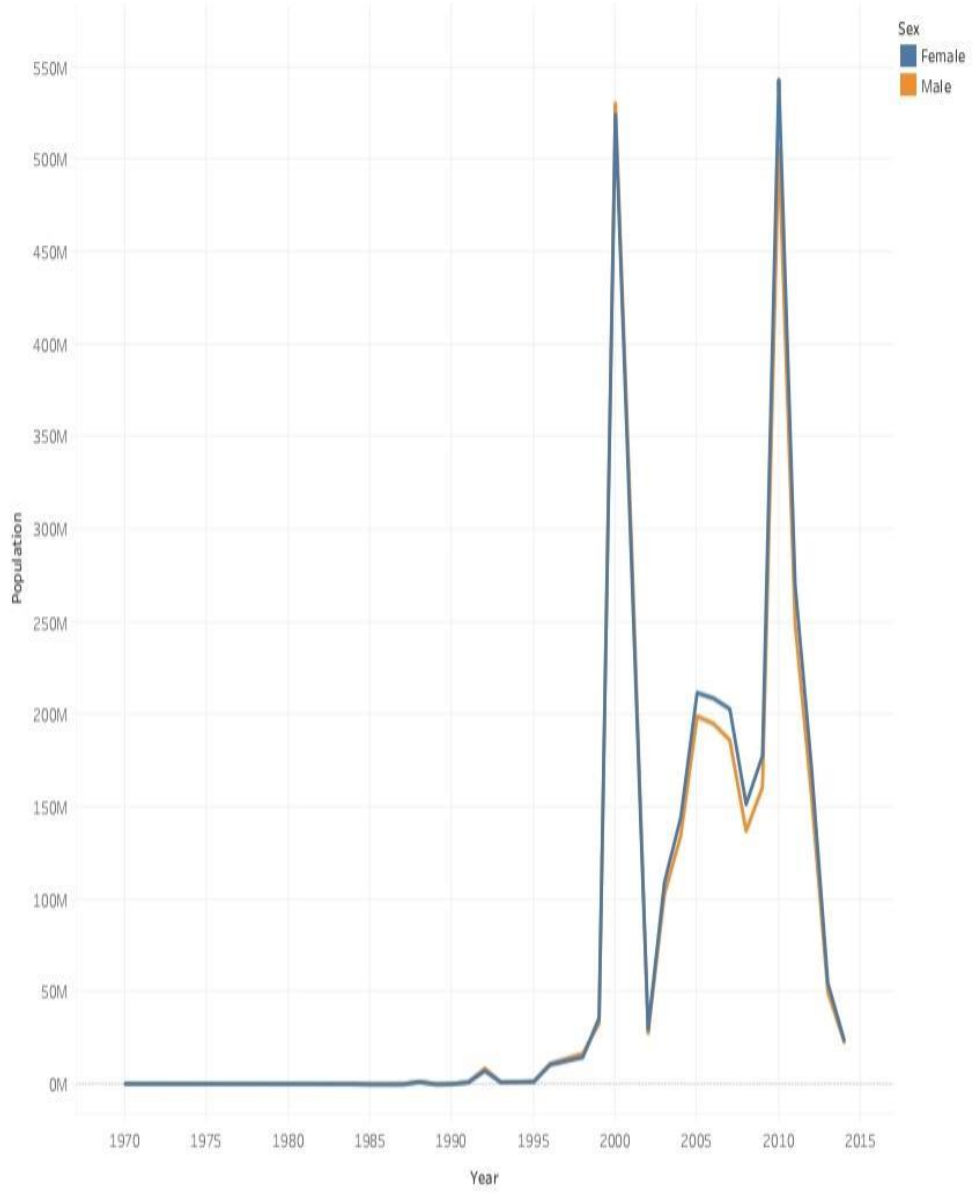


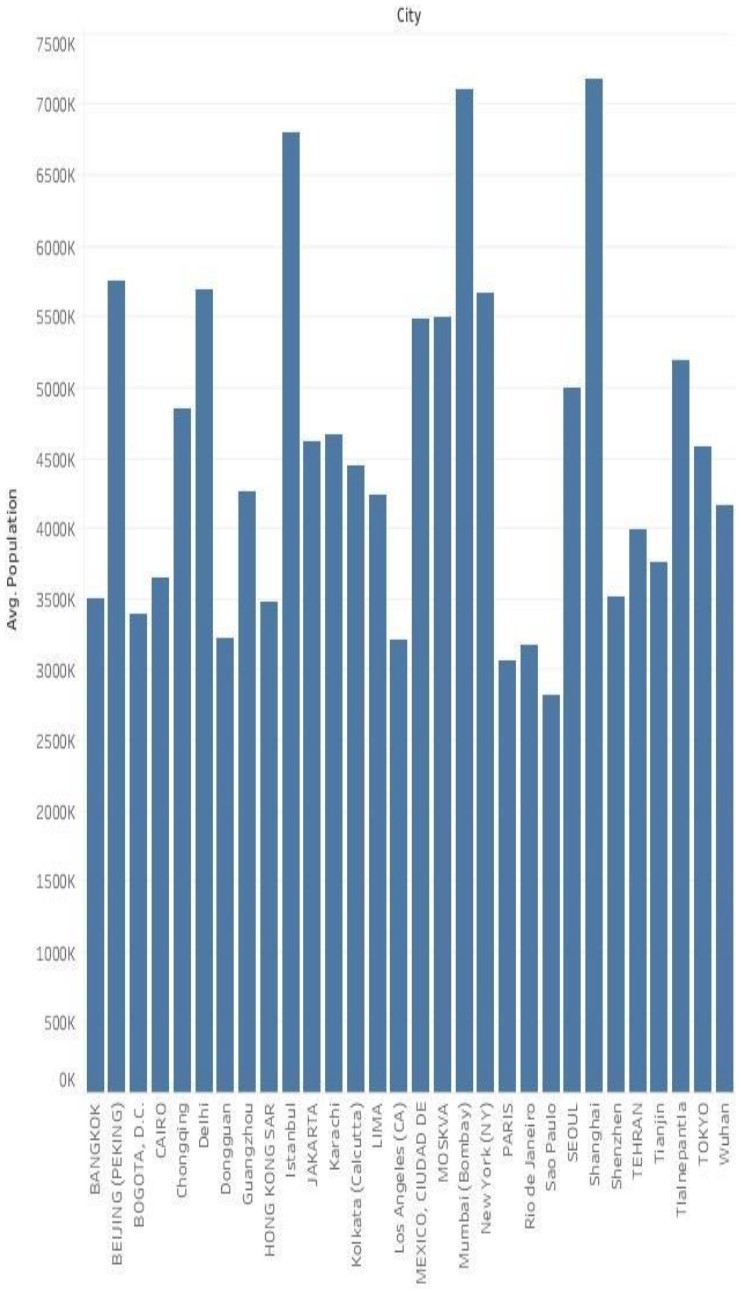
Story 1

This is a geographic map.It shows all th..	This is a graph.It shows the trends of countries over year with population	This is a graph.It shows the trends of countries over year with population i..	This is a bar graph.It shows all the countries with their average highest ..	This is visual representation of top ..



Story 1

This is a graph.It shows the trends o..	This is a graph.It shows the trends of countries over year with population i..	This is a bar graph.It shows all the countries with their average highest ..	This is visual representation of top 10 countries and their population and co..	It is a piechart between city and urban agglom..



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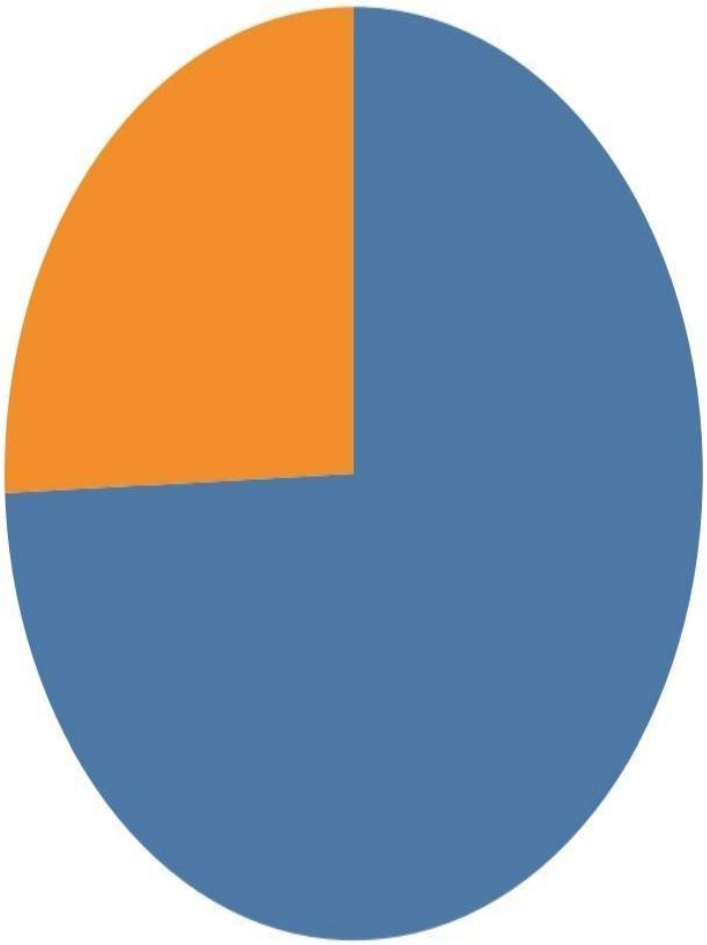
City type
City proper
Urban agglomeration

Population
6,199,282,491



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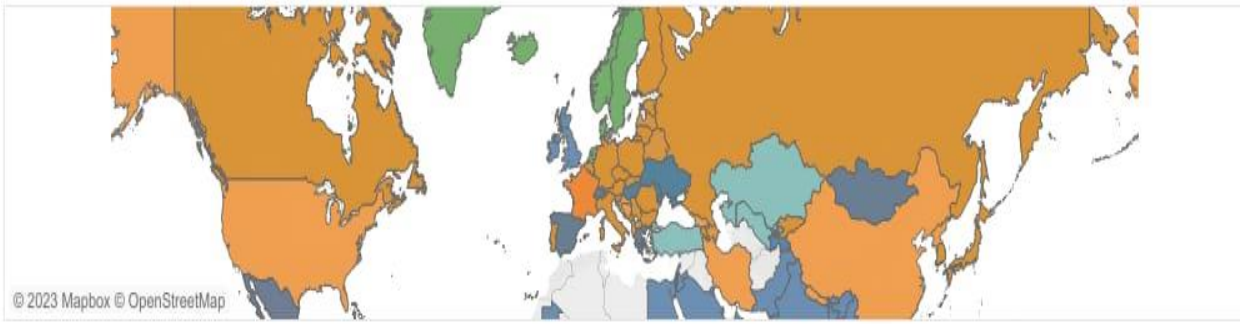
Country or Area

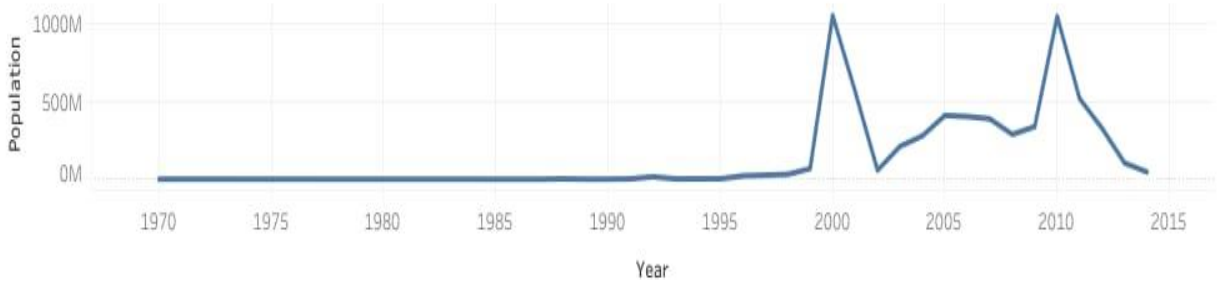
City	China	Egypt	India	Indonesia	Japan	Pakistan	Republic of ..	United King..	United Stat
6th of October ..		154,093							
Abbotabad						106,101			
Aberdeen								212,125	
Aberdeenshire								226,871	
Abiko					520,196				
Abilene (TX)									115,9
Abo Keber		103,175							
Abohar			124,339						
Achalpur			107,316						
Acheng	638,894								
Adilabad			238,932						
Adityapur			119,233						
Adoni			319,763						
Agartala			189,998						
Ageo					869,382				
Agra			2,606,473						
Ahmedabad			8,045,098						
Ahmednagar			655,164						
Aizawl			228,280						
Aizuwakamatsu					473,283				
Ajmer			976,095						
Akashi					1,168,343				
Akeshu	561,822								
Akhmim		101,509							
Akishima					435,997				
Akita					1,286,914				
Akola			400,520						
Akron (OH)									787,2
Al Orizah		100,482							
Alandur			146,287						
Alappuzha			459,704						
Albuquerque (..									1,046,7
Aldershot								243,344	
Aletai	178,510								
Alexandria		7,369,658							
Alexandria (VA)									128,2
Aligarh			669,087						

Year
1995 to 2008

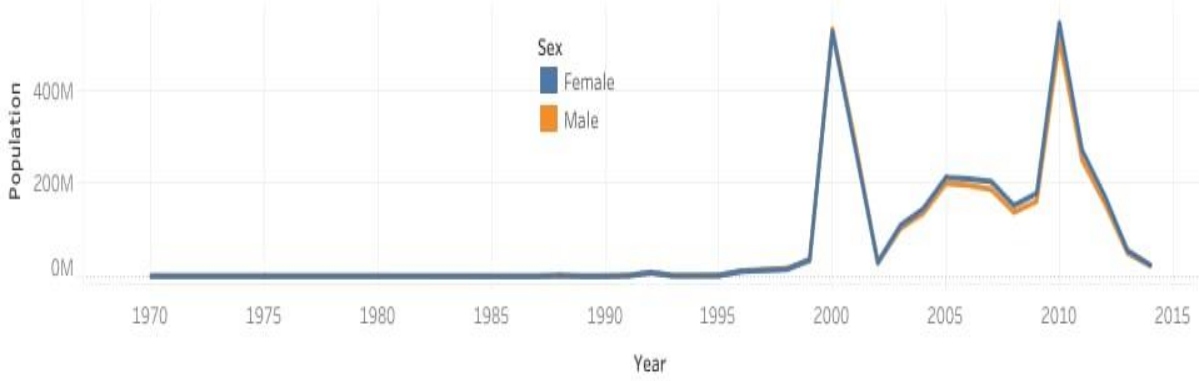
Record types of countries



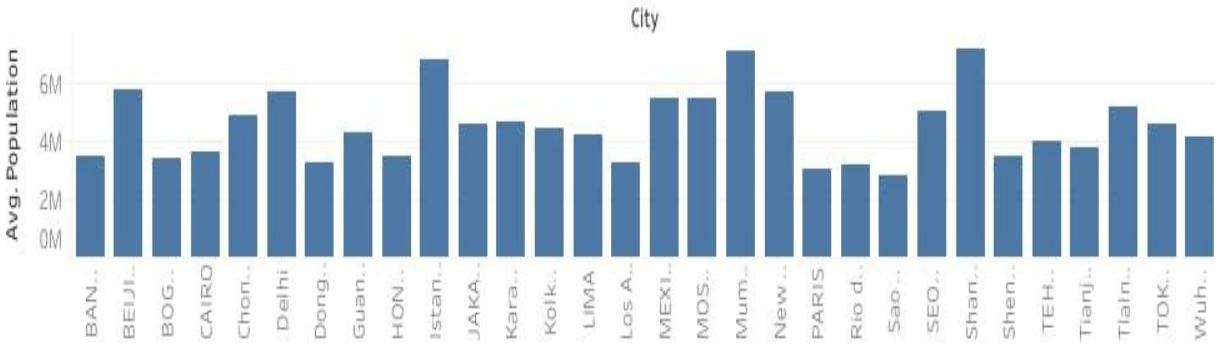
population trends over the year



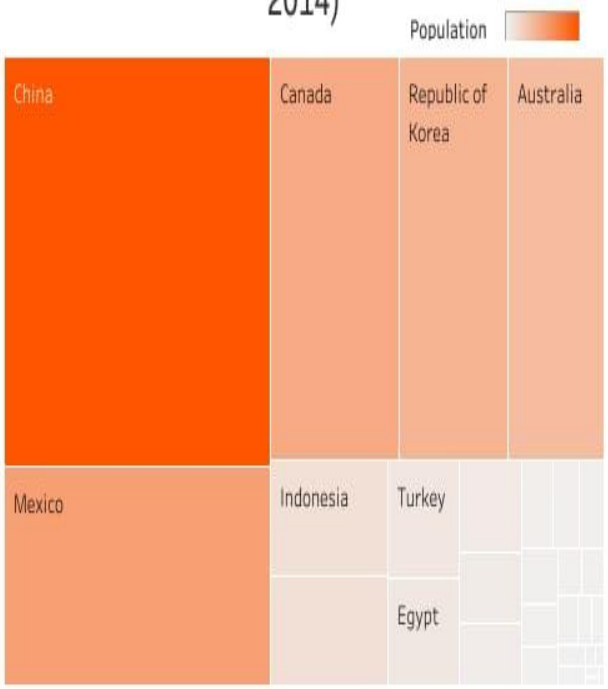
population trends over the year by sex



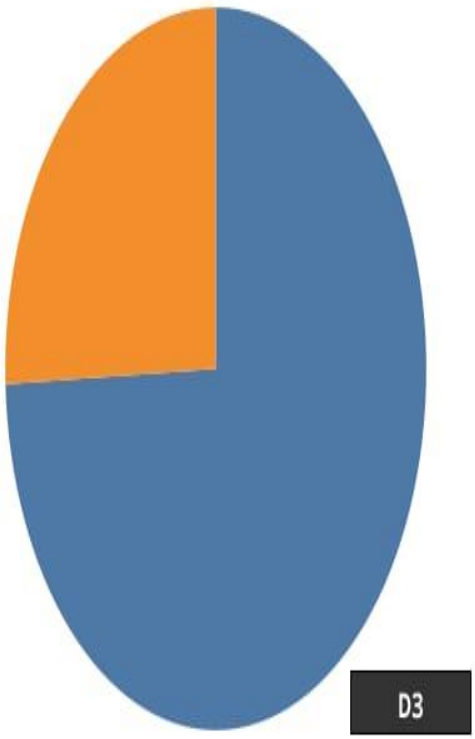
cities with highest average population



countries with highest avg population(2000 - 2014)



population by city type



population of cities by year

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4. ADVANTAGES AND DISADVANTAGES

4.1 Advantages

- **More people leads to greater human capital.** If there are more people , the probability of finding a genius like Einsterin , Marie Curie , Beethoven increase . These exceptional people Can lead to technological and culture masterpieces which enrich our lives. The past 200 years have soon exponential growth in technical development and innovation. There are many factors behind this, but the world's growing population means we have a bigger pool of human capital and the possibility of these cutting edge discoveries increases.

4.2 Disadvantages

- **Cost to the environment**

  Population growth exacerbates many of the existing environmental problem.

  - Trying to reduce Carbon and methane emissions to reduce global warming is relatively more difficult as the population.
  - There will be greater threat on Natural habitats as a greater population has greater demand for housing and farmland. This will increase pressure to cut down forests to make way for Farming and housing.

5. APPLICATIONS

In the solution of any planning problem, the planner either makes an explicit forecast, or makes some implicit assumption about the population for which he is planning. "Population" includes much more than mere numbers of people. The planner must know what kind of people live in his planning area, what types of lives they will live, and how long they will replace them when they move out or die: how many children they will have, whether these children will live in the area, and many other factors.

Many communities have installed facilities which have become useless because predicated on faulty estimates of future population, or they have failed to install facilities where justified by future population.

6. CONCLUSION

Finally, studying population growth gives scientists insight into how organisms interact with each other and with their environments. This is especially meaningful when considering the potential impacts of climate change and other changes in environmental factors .

7. FUTURE SCOPE

Population growth is determined by interaction of biotic potential and environmental resistance. Population studies help us to know how far the growth rate of the economy is keeping pace with the growth rate of the population **.**