

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

INTRODUCTION:

1.1 Overview

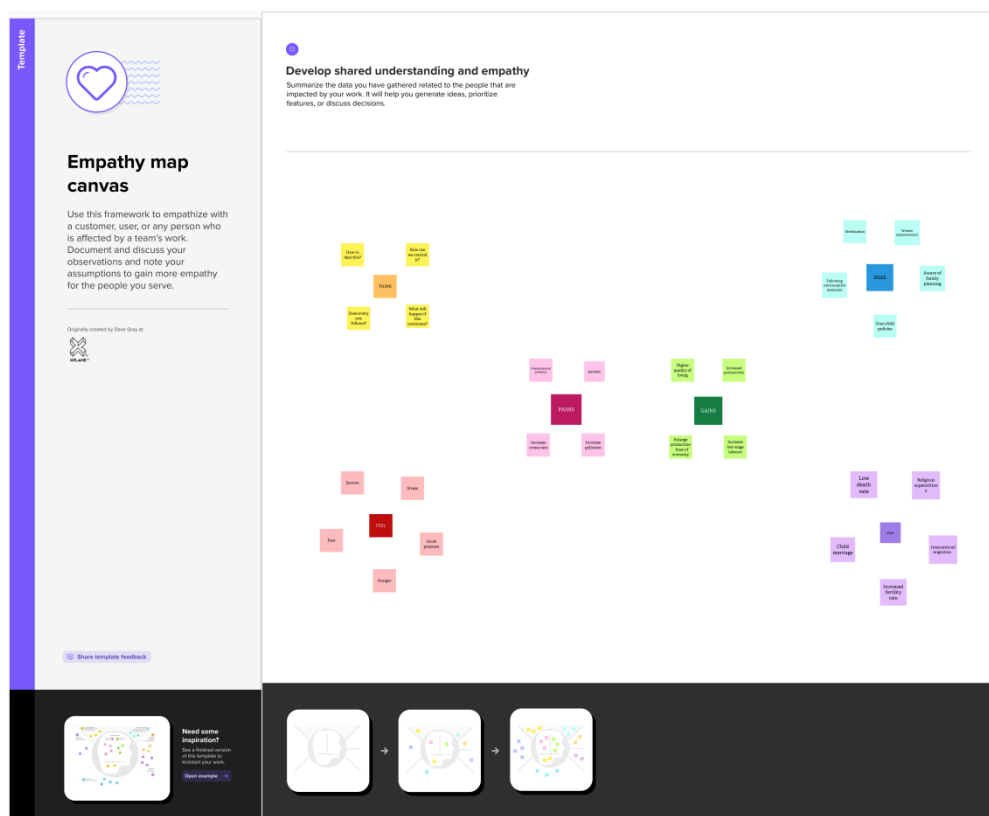
Population forecasting analysis is performed to determine the population growth in the world. It is also used to control population explosion.

1.2 Purpose

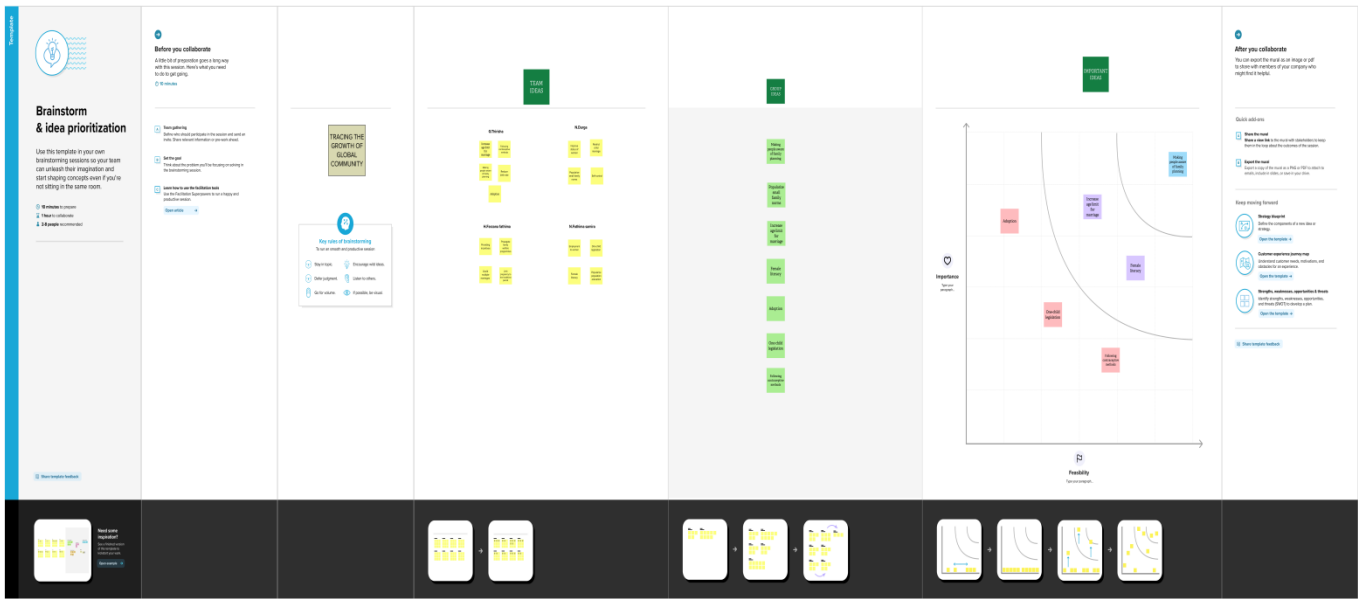
- ❖ This story is focused on population level to analyze and identify the world population.
- ❖ The initial stage is to collect the data. After collecting the data, it is analyzed through tableau to identify the world population according to year and sex.

PROBLEM DEFINITION & DESIGN THINKING:

2.1 Empathy Map

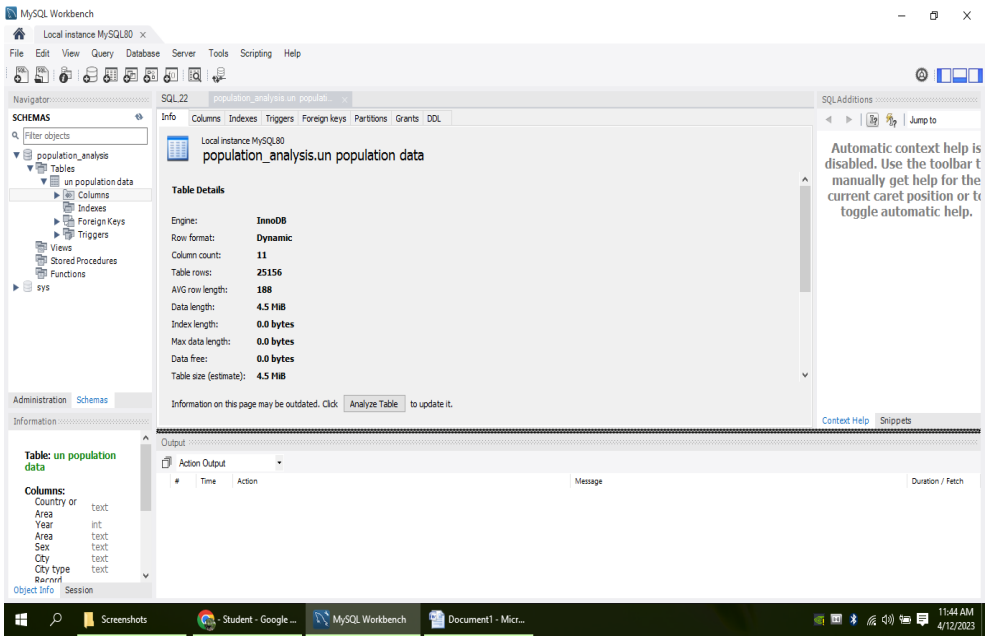


2.2 Ideation & Brainstroming Map



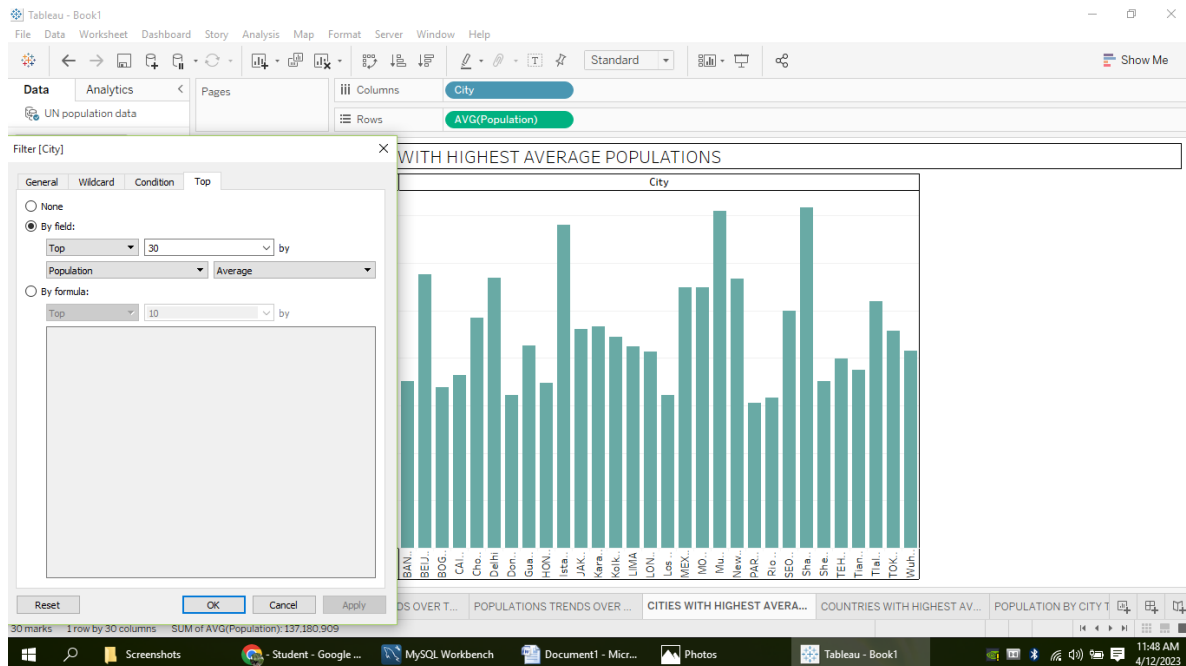
3.RESULT

3.0 Amount of data rendered to Database

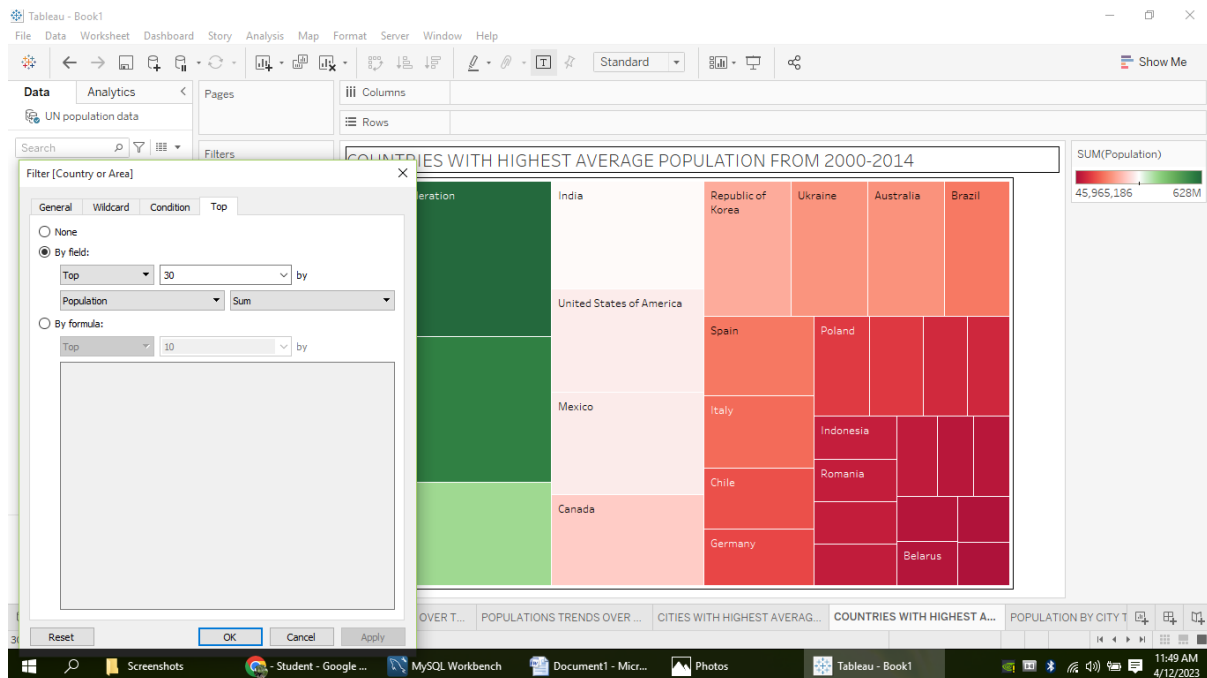


3.1 Utilization of Data filters

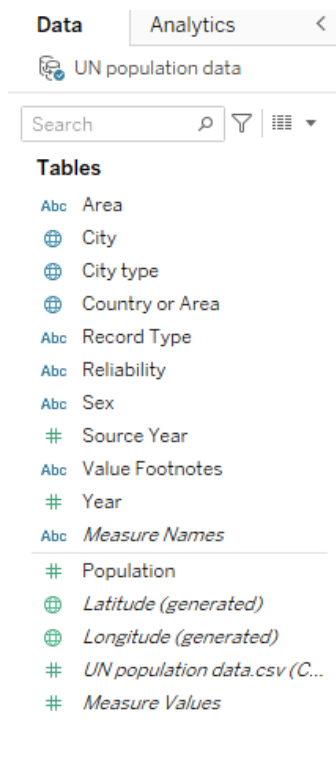
1.



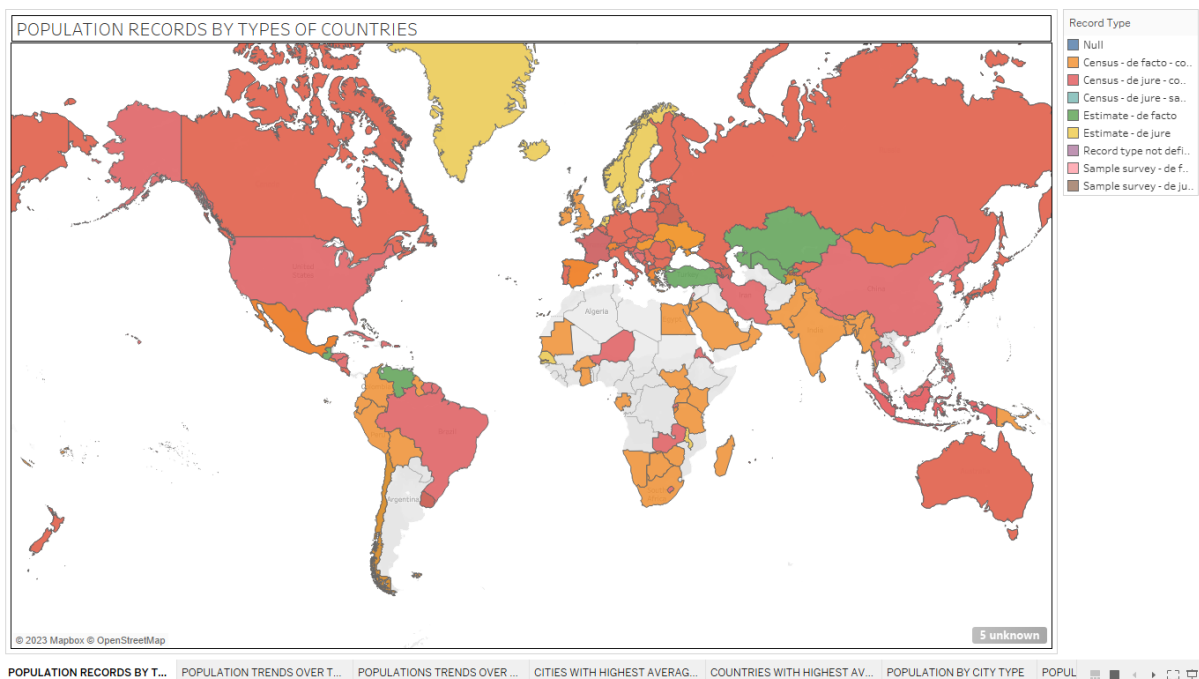
2.



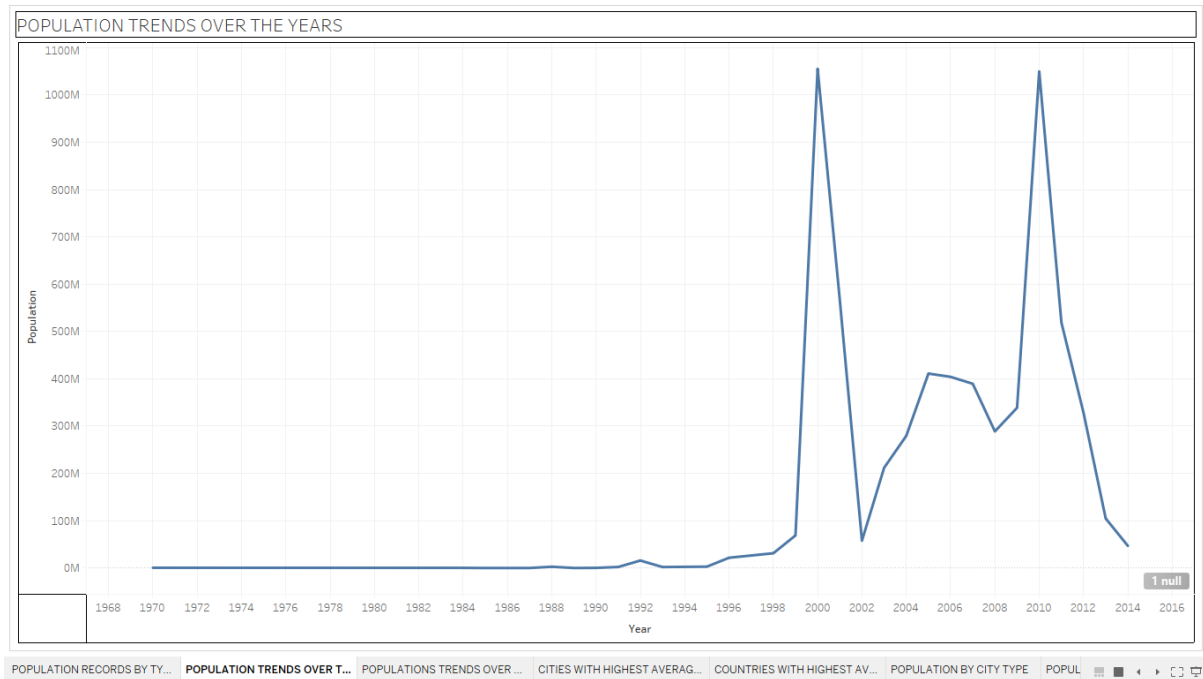
3.2 Number of calculation fields



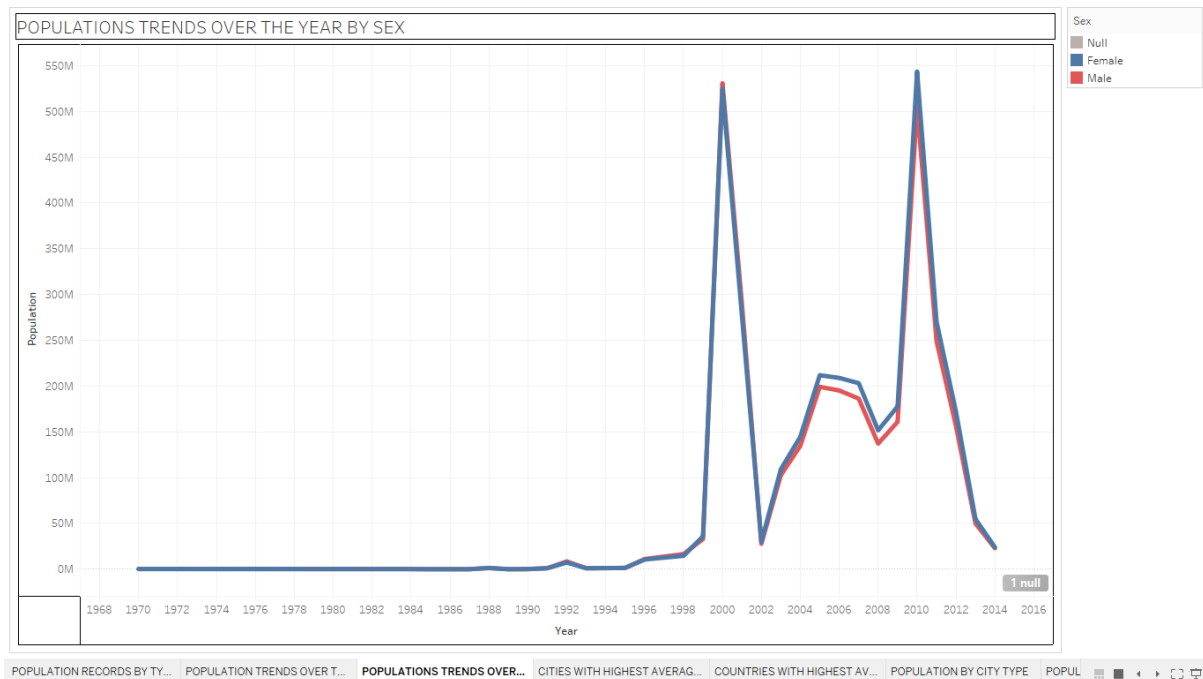
3.3 Population record types of countries



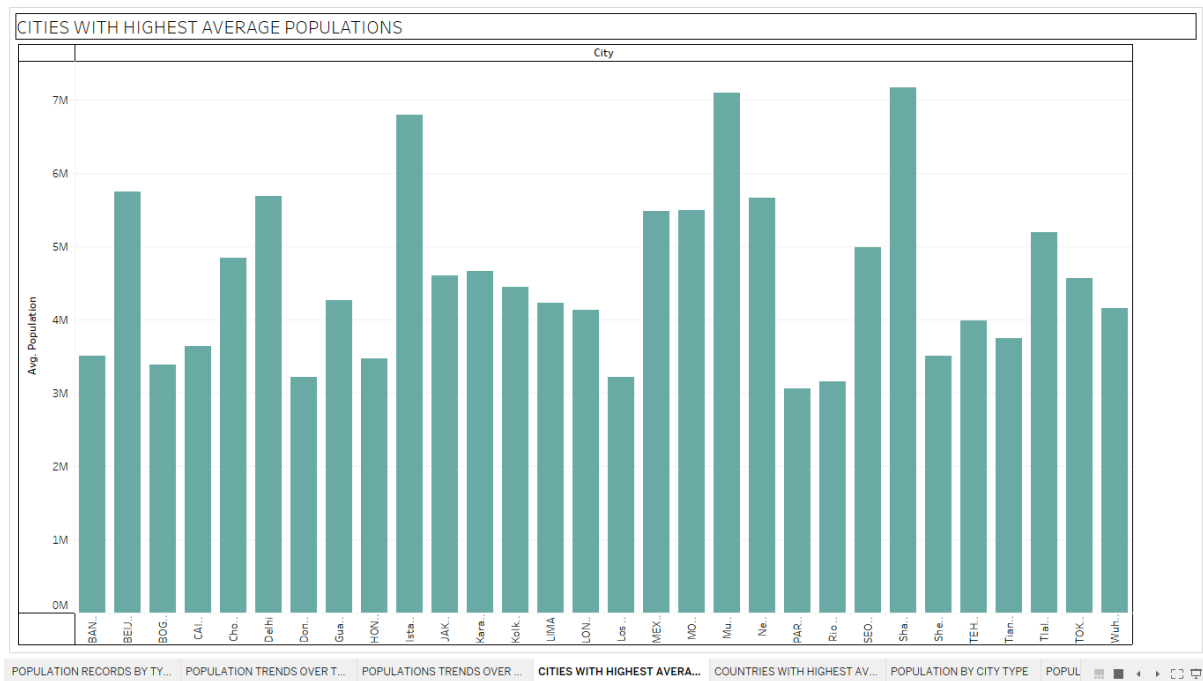
3.4 Population trends over the years



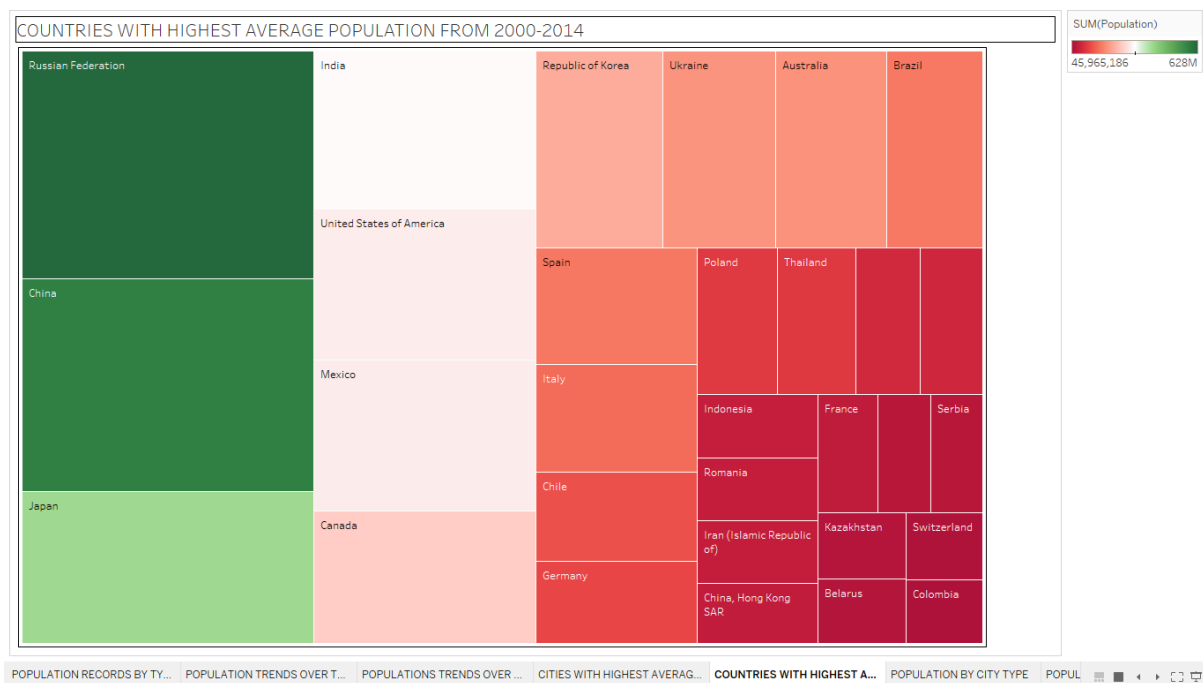
3.5 Population trends over the years by sex



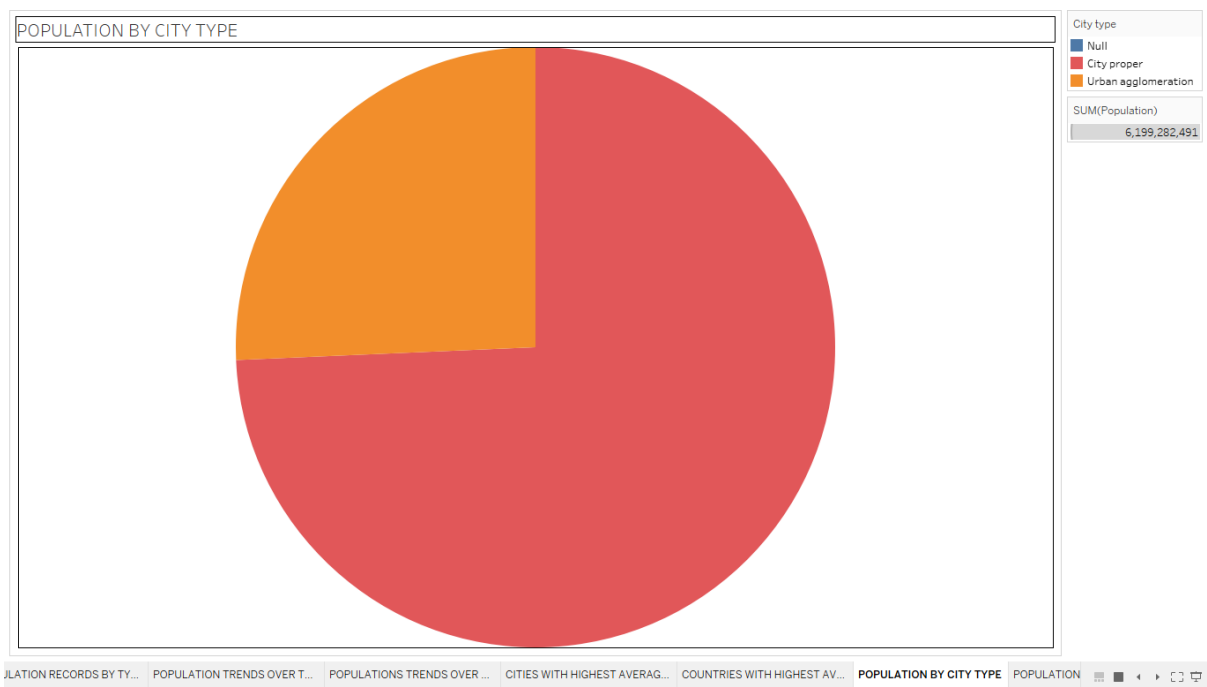
3.6 Cities with highest average population



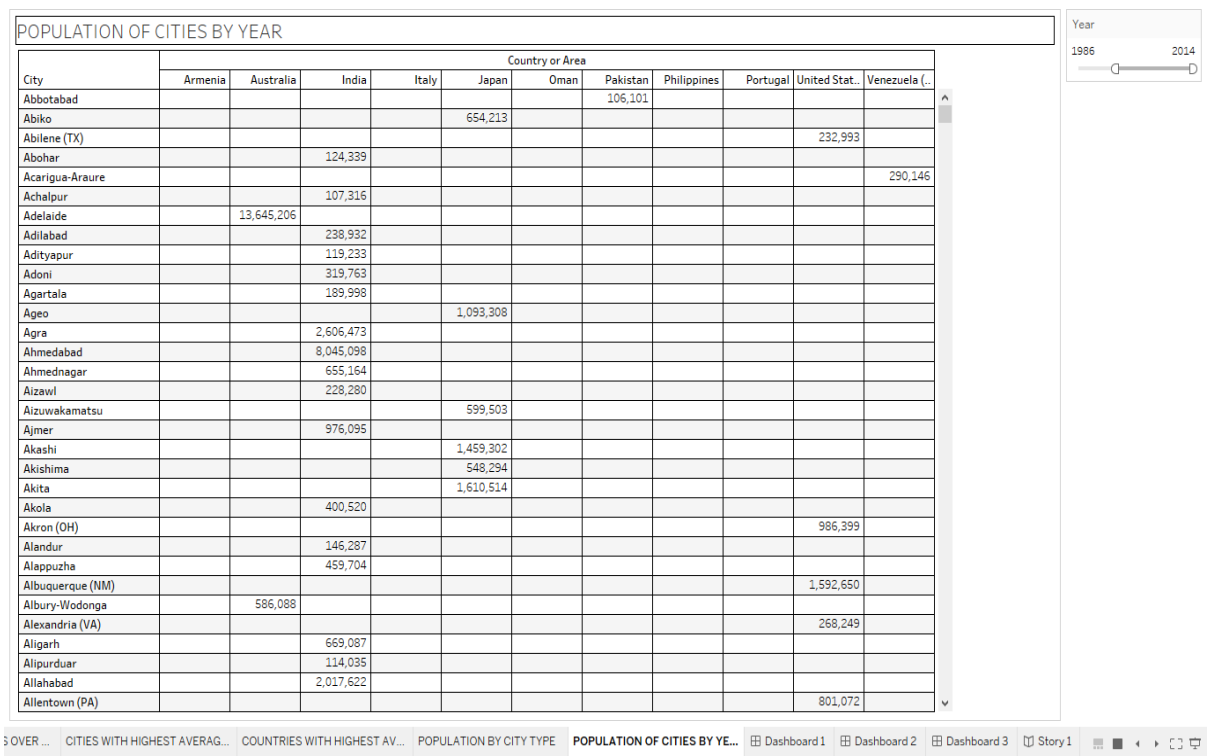
3.7 Countries with highest avg population from 2000-2014



3.8 Population by city type

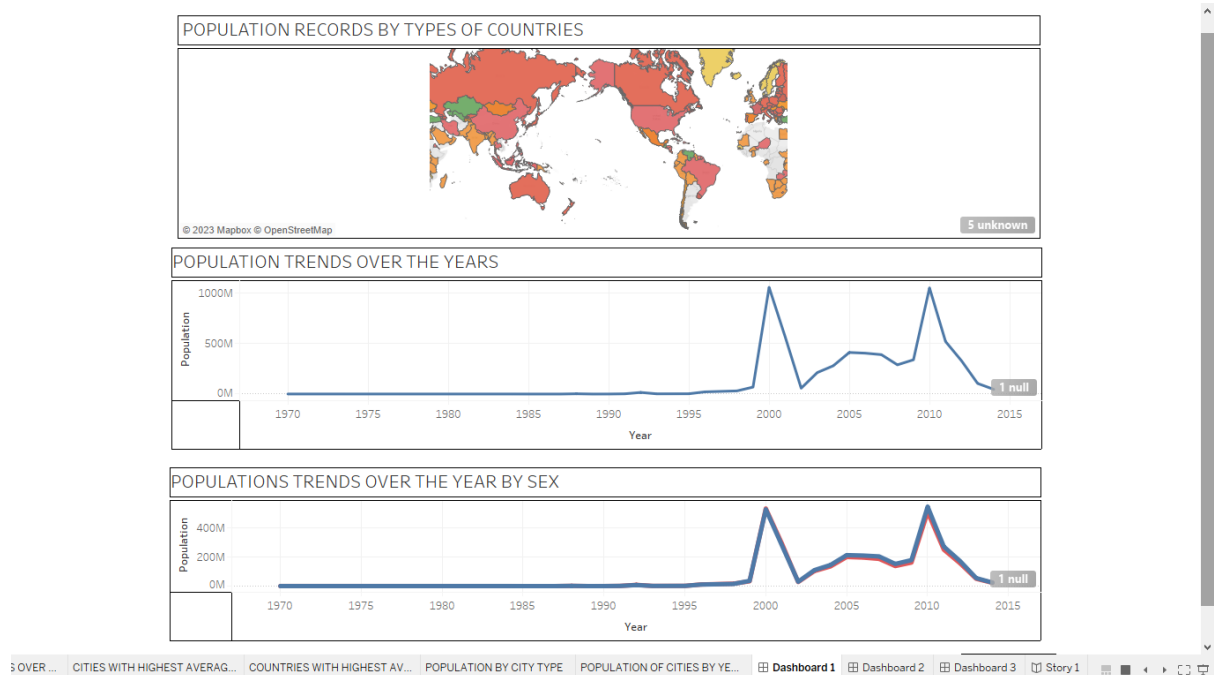


3.9 Population of cities by year

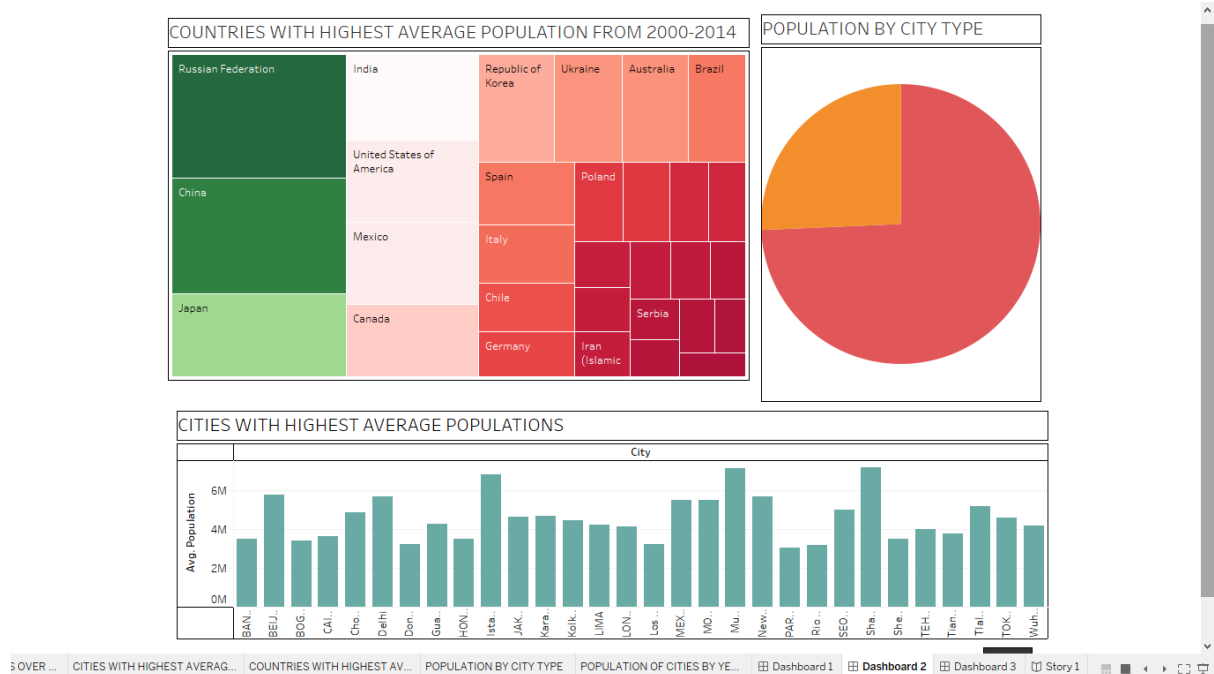


3.10 Dashboard

1.



2.

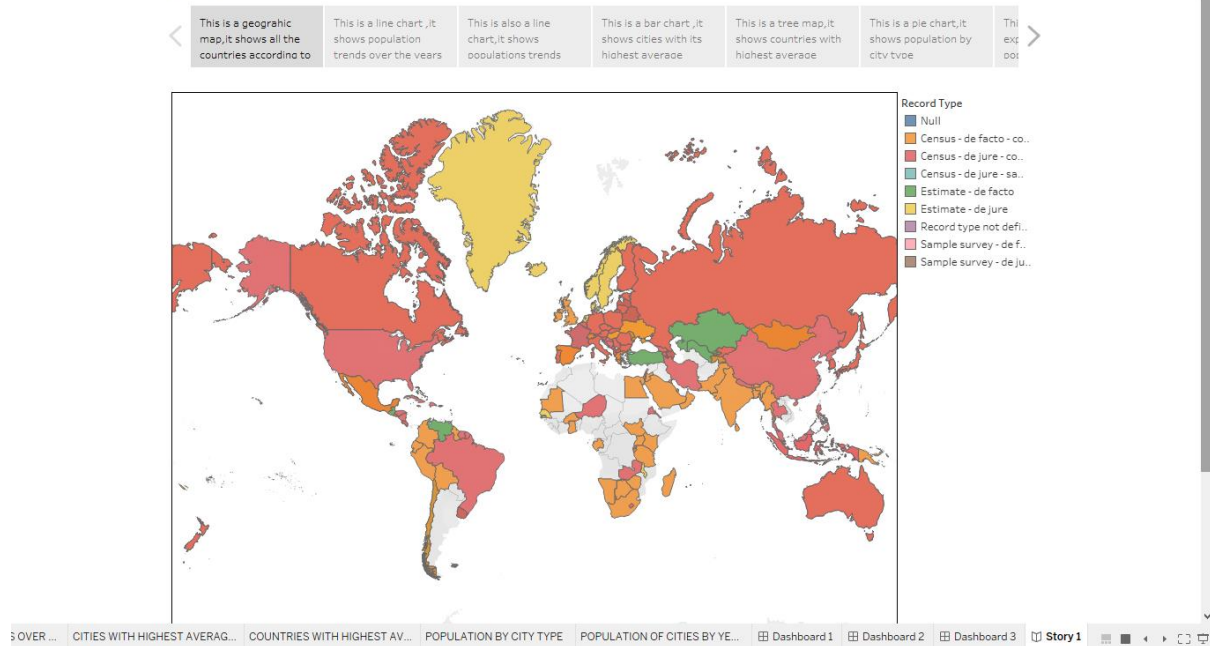


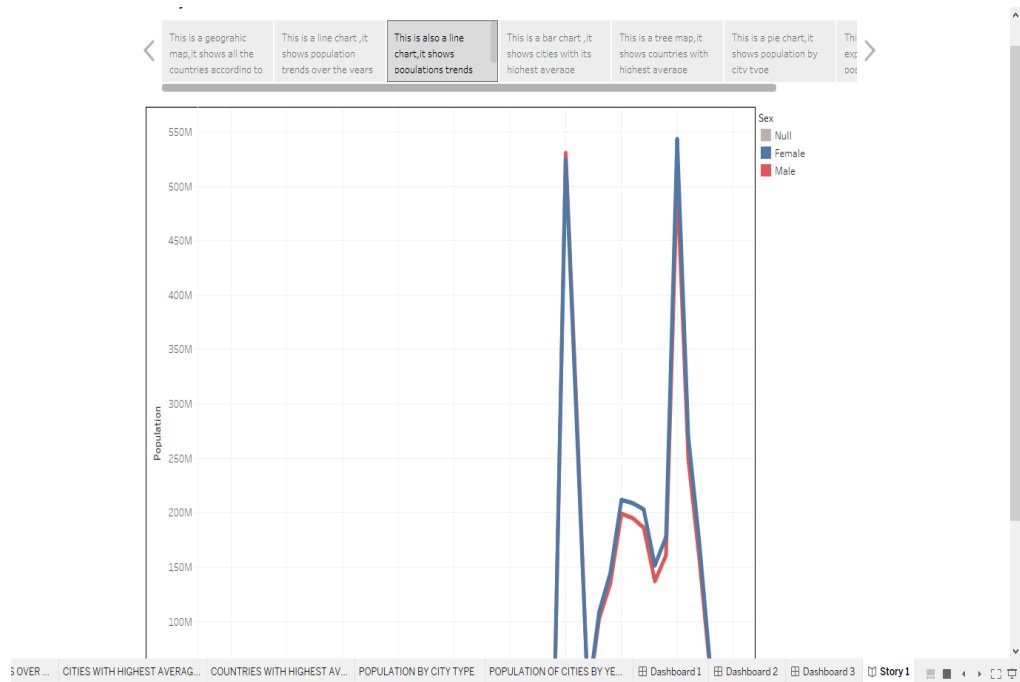
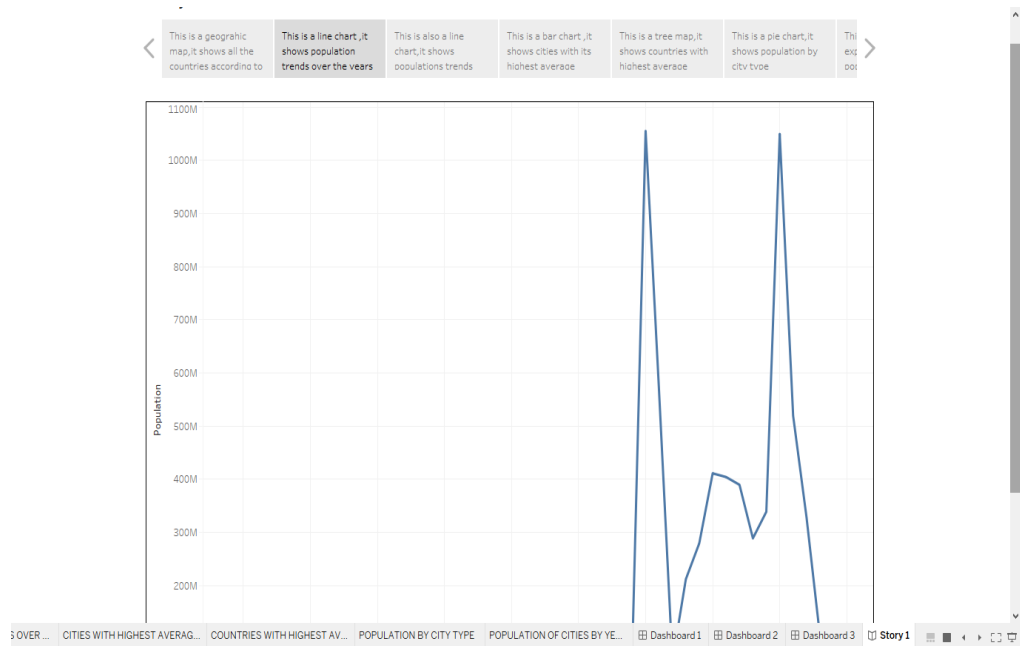
3.

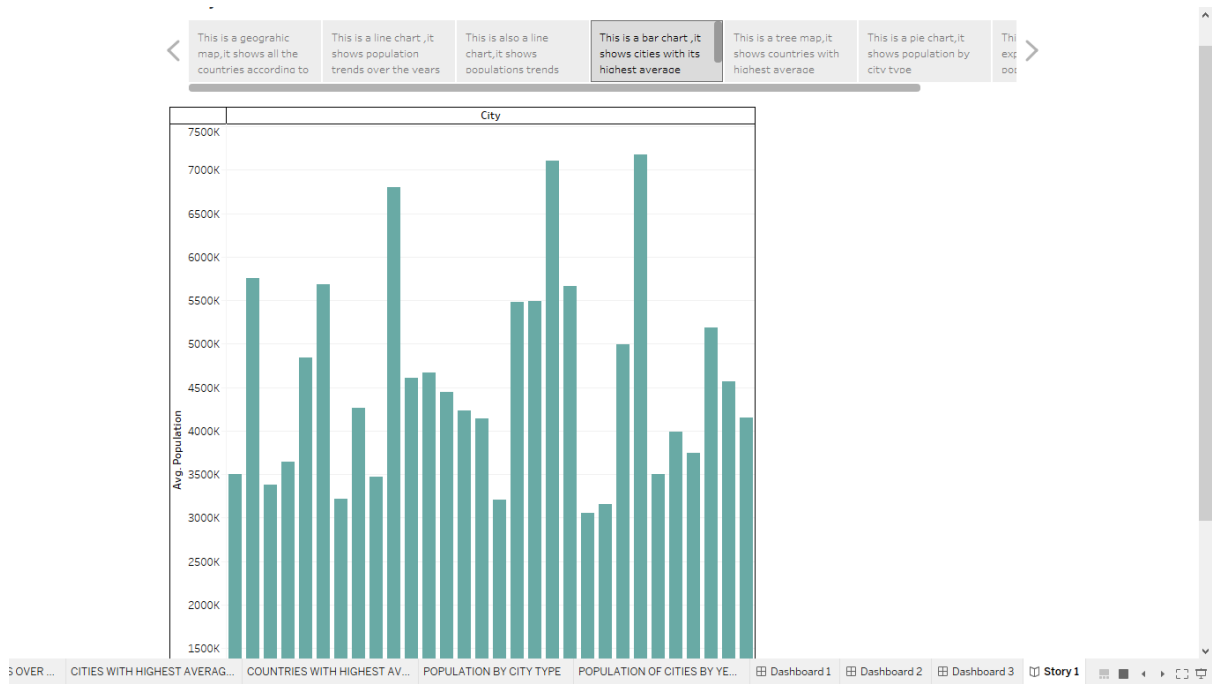
City	Country or Area										
	Armenia	Australia	India	Italy	Japan	Oman	Pakistan	Philippines	Portugal	United Stat...	Venezuela
Abbotabad							106,101				
Abiko					654,213						
Abilene (TX)										232,993	
Abohar			124,339								
Acarigua-Araure											290,1
Achalpur			107,316								
Adelaide		13,645,206									
Adilabad			238,932								
Adityapur			119,233								
Adoni			319,763								
Agartala			189,998								
Ageo					1,093,308						
Agra			2,606,473								
Ahmedabad			8,045,098								
Ahmednagar			655,164								
Aizawl			228,280								
Aizuwakamatsu					599,503						
Ajmer			976,095								
Akashi					1,459,302						
Akishima					548,294						
Akita					1,610,514						
Akola			400,520								
Akron (OH)										986,399	
Alandur			146,287								
Alappuzha			459,704								
Albuquerque (...										1,592,650	
Albury-Wodon...		586,088									
Alexandria (VA)										268,249	
Aligarh			669,087								
Alipurduar			114,035								
Allahabad			2,017,622								

3.11 Story

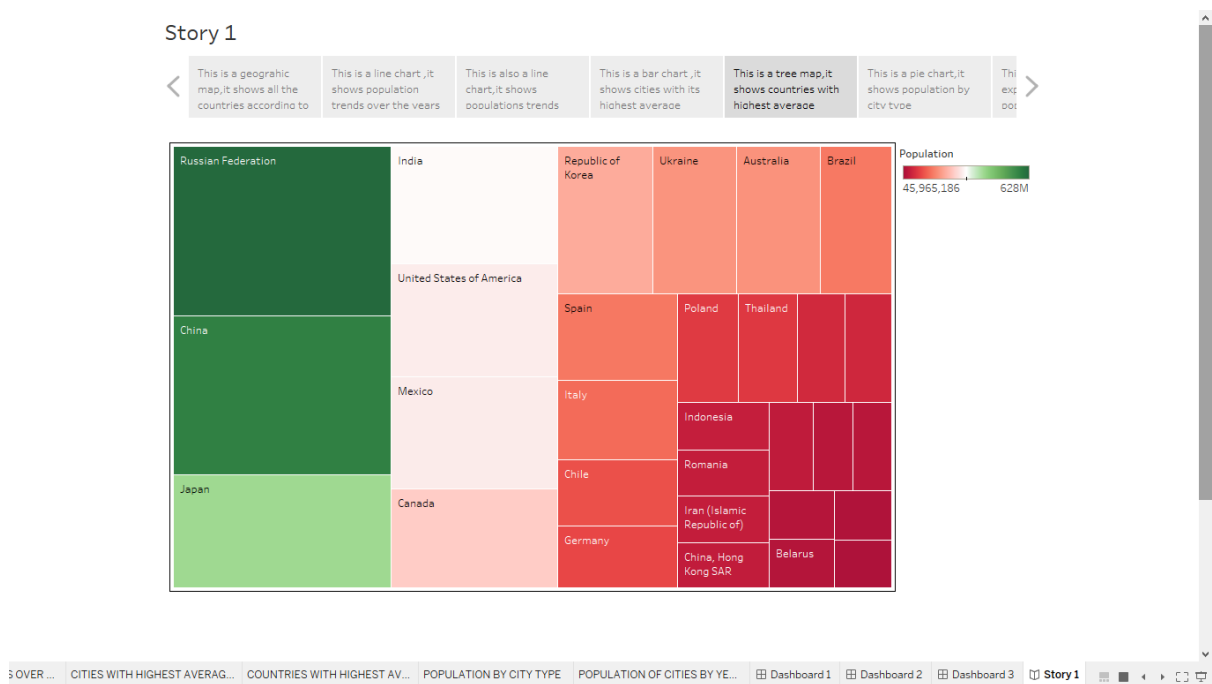
Story 1





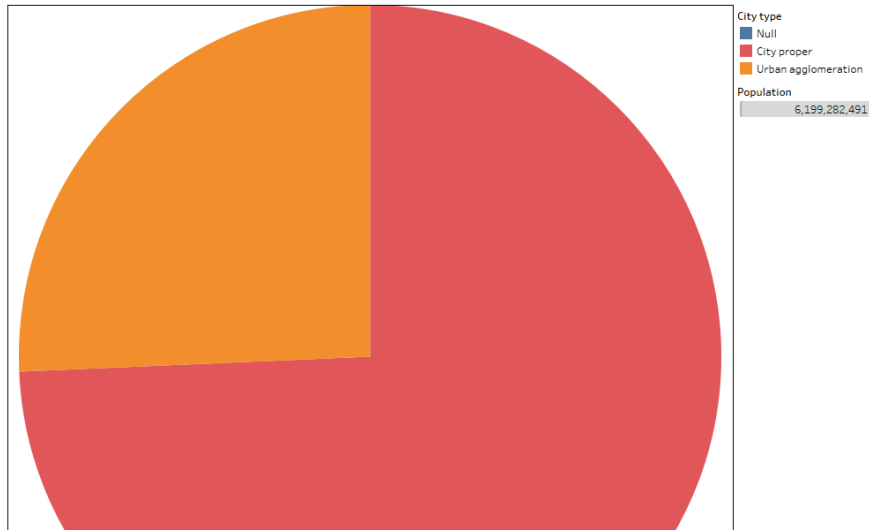


Story 1



Story 1

< to This is a line chart ,it shows population trends over the years This is also a line chart,it shows populations trends This is a bar chart ,it shows cities with its highest average This is a tree map,it shows countries with highest average This is a pie chart,it shows population by city type This is a text table,it explains about population of cities by



OVER ... CITIES WITH HIGHEST AVERAG... COUNTRIES WITH HIGHEST AV... POPULATION BY CITY TYPE POPULATION OF CITIES BY YE... Dashboard 1 Dashboard 2 Dashboard 3 Story 1

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City	Country or Area									Year
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Abbotabad					654,213		106,101			1986
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4.ADVANTAGES AND DISADVANTAGES

4.1 Advantages

- Improved standard of living.
- Intellectual base for ideas and innovations.
- By analyzing the data, we may take measures to control population growth.

4.2 Disadvantages

- More chance of developing and spreading diseases.
- Difficult to educate and employment.
- Increase pollution and damage to the natural environment.
- Less personal freedom.

5.APPLICATIONS

- Increase human capital.
- Population growth or any kind of evaluation in a population can also provide information on how the species changed and evolved with time.
- Enables specialization.
- More scope for invention and creativeness.

6.CONCLUSION

- ✓ We analyze population through visualization like geographic map, line chart, tree map, pie chart, bar chart, text chart.
- ✓ We learned about the population explosion and its benefits & drawbacks.
- ✓ Variation in population over rural areas, countries & continents by years and sex.
- ✓ This shows the development in medical field .

7. FUTURE SCOPE

! Population analysis help us to know how far the growth rate of the economy is keeping pace with the growth rate of population.

! It help us to understand the processes that influence the size, growth, characteristics and distribution of human population.

! It also helps the purpose of developing in the students rational and responsible attitudes and behavior towards that situation.

