

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

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 billion people in 1950, adding 1 billion people since 2010 and 2 billion since 1998. The world's population is expected to increase by nearly 2 billion person in the next 30 years, from the current 8 billion to 9.7 billion in 2050 and could peak at nearly 10.4 billion in the mid-2080s.

This dramatic growth has been driven largely by increasing numbers of people surviving to reproductive age, the gradual increase in human lifespan, increasing urbanization, and accelerating migration. Major changes in fertility rate have accompanied this growth. These trends will have far-reaching implication for generation to come.

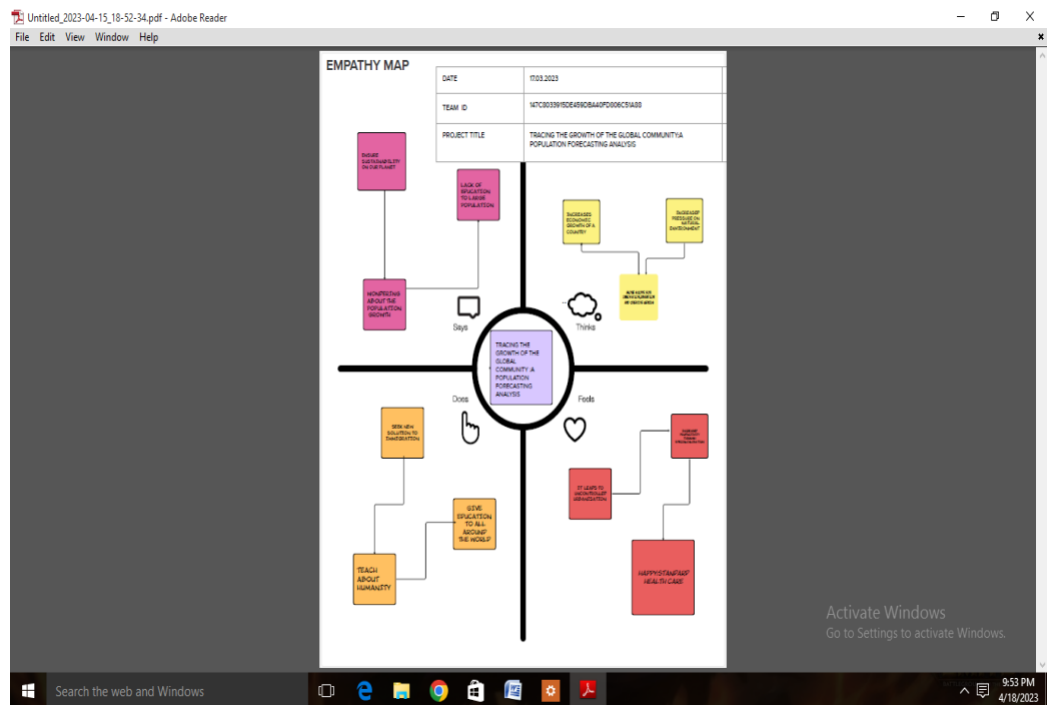
1.2 PURPOSE

- ❖ More scope for innovation, invention and creative genius
- ❖ Seek new solution to immigration
- ❖ Making people aware of the Family planning etc.....

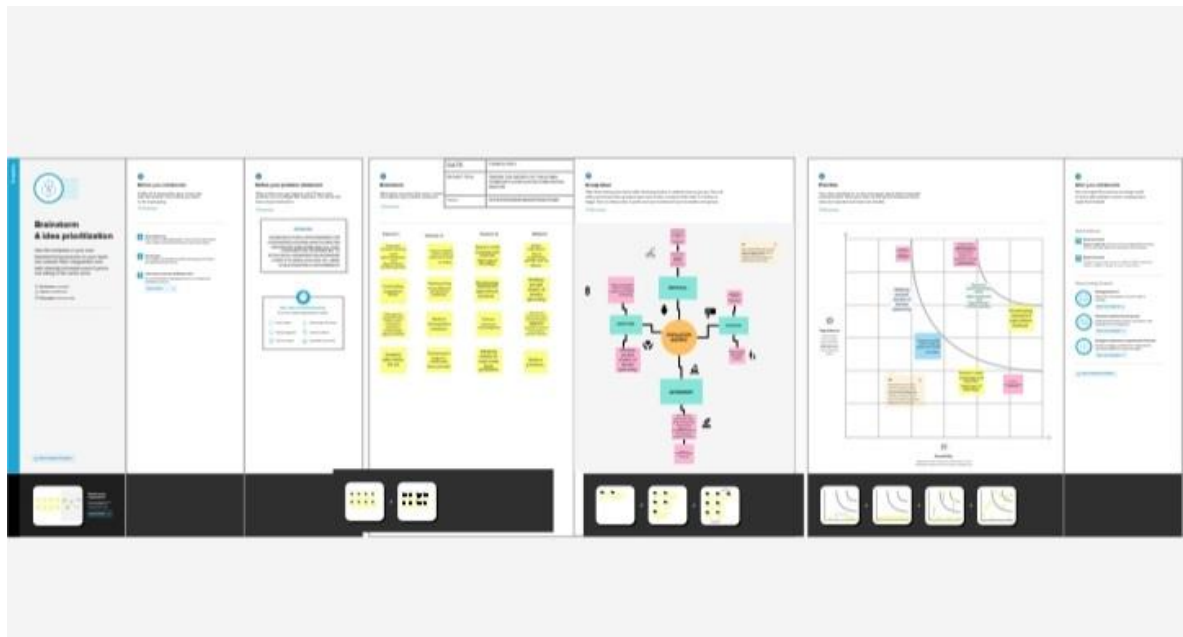
- ❖ Population analysis is needed to identify problems and community needs.
- ❖ Make population issue as a part of the basic educational curriculum.
- ❖ Reduce unemployment
- ❖ Ensure sustainability on our planet.
- ❖ Increases the economic growth of the country.
- ❖ Estimate the basic need for human such as food, water, power, transportation.
- ❖ Estimate standard health care.

2. PROBLEM DEFINING AND DESIGN THINKING

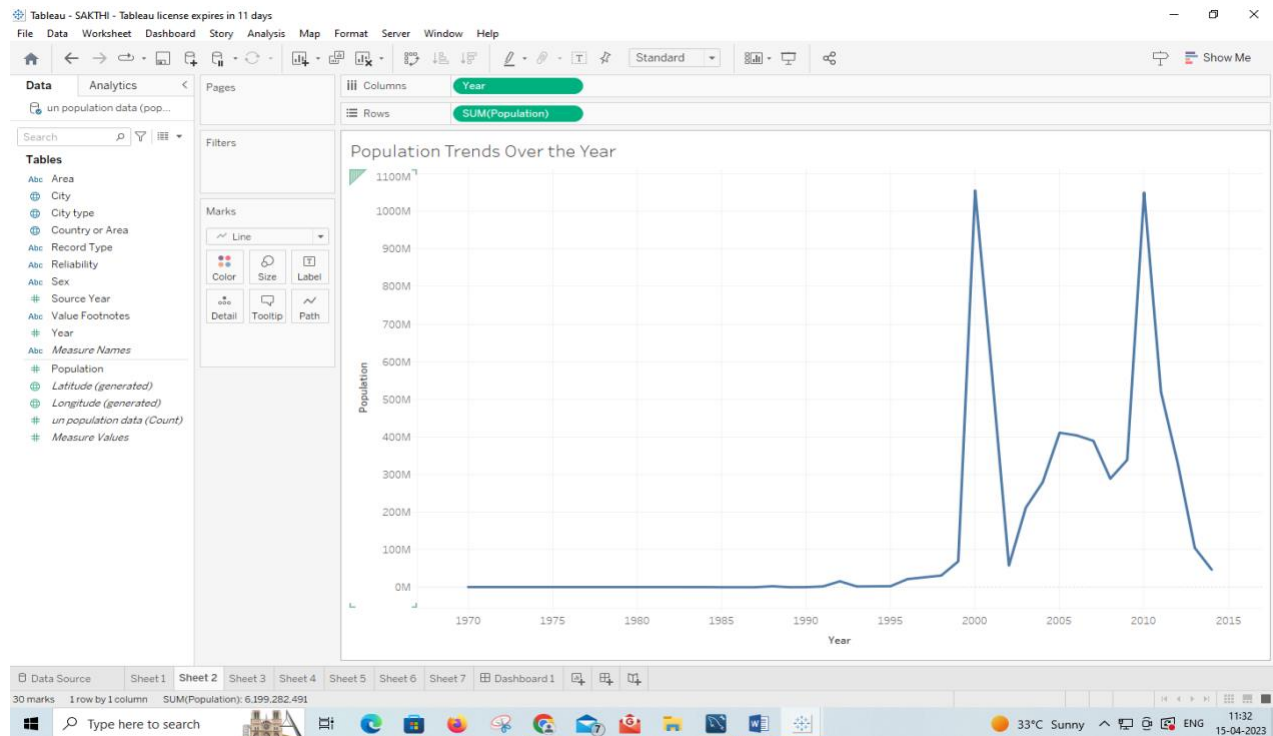
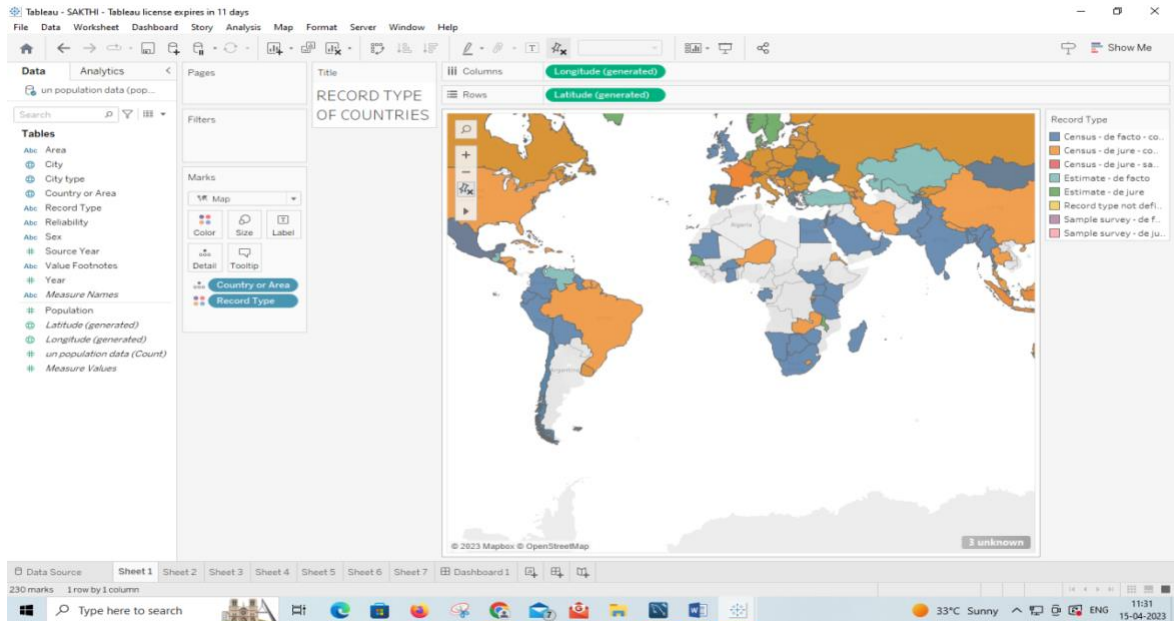
2.1 EMPATHY MAP

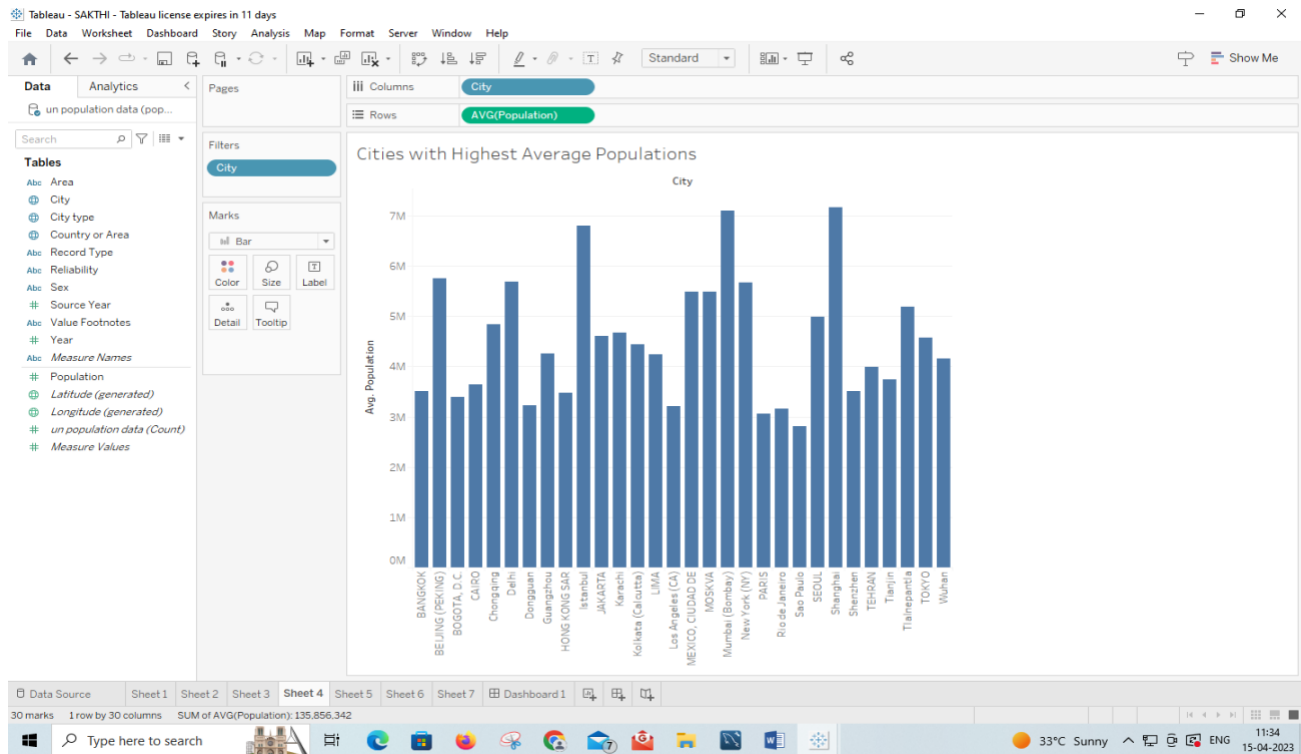
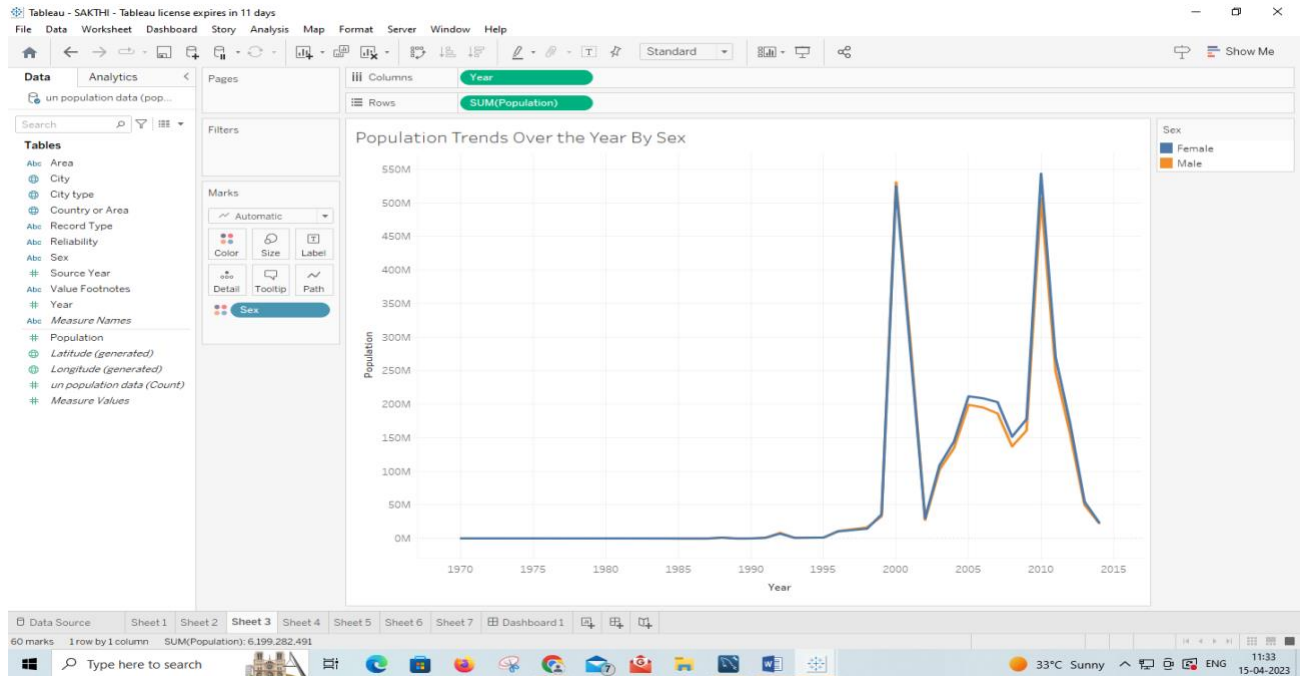


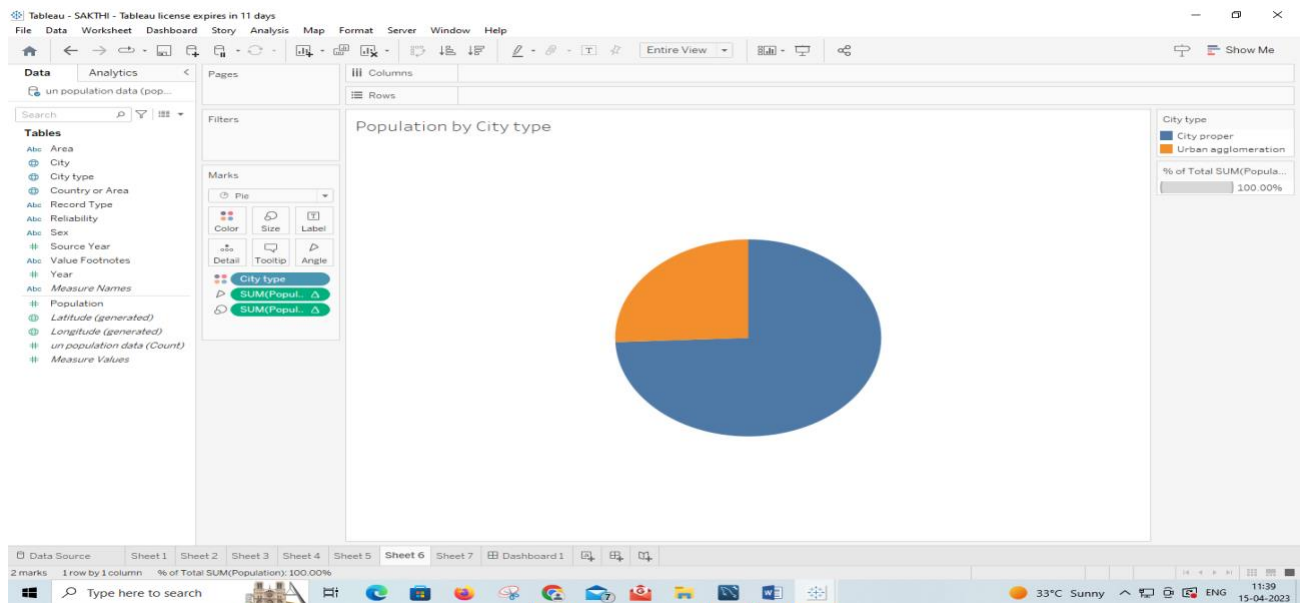
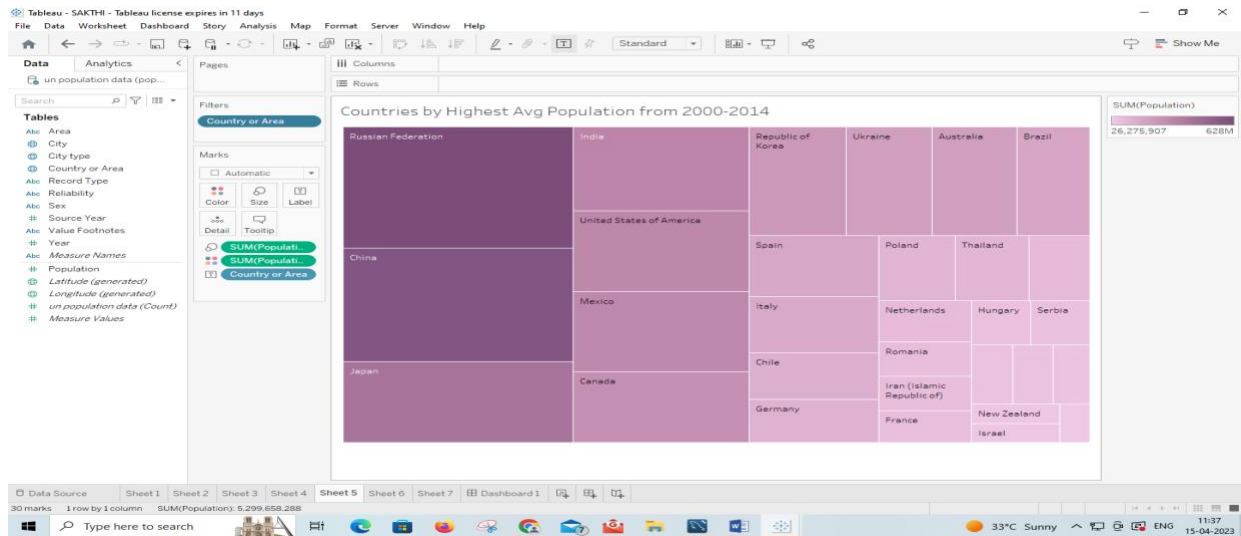
2.2 IDEATION & BRAINSORMING MAP

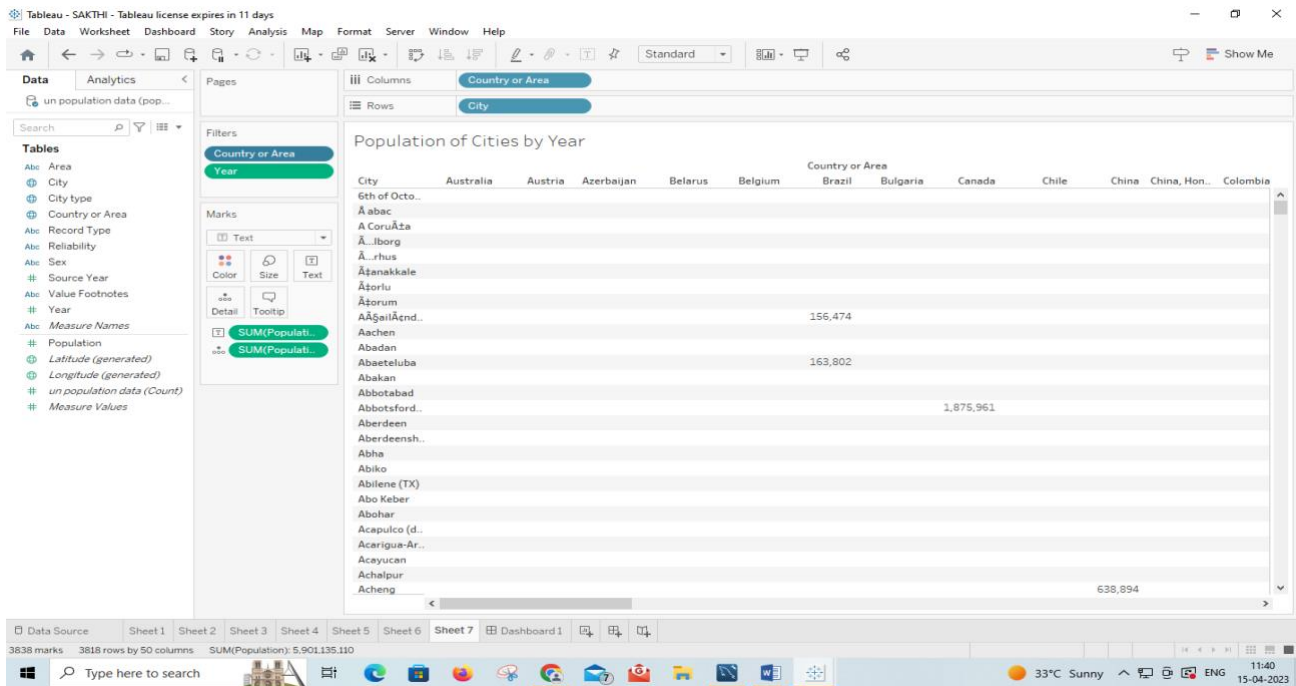


3. RESULT









4. ADVANTAGES AND DISADVANTAGES

ADVANTAGES:

1. More people lead to greater human capital. If there are more people, the probability of finding a genius like Einstein, Marie Curie, Beethoven increase. These exceptional people can lead to technological and cultural masterpieces which enrich our lives. The past 200 years have shown 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 the cutting edge discoveries increase.

2. Higher economic growth.

Population growth will lead to economic growth with more people able to produce more goods. It will lead to higher tax revenues which can be spent on public goods, such as health care and environmental projects.

➤ The obvious evaluation is to say, the crucial thing is not GDP, but GDP PER CAPITA. If economic growth is at the same rate as population growth,

average living standards will not increase. However, it is possible population growth can also improve per capita incomes. As the population increases, the economy can benefit from a bigger talent pool, economies of scale and greater specialization. All this can enable higher per capita income, which we seen in the developed economics.

3. Critical mass. Higher populations can enable a critical mass of people to enable a side, more vibrant society. With low populations, there is less scope for diversity. But, when the population grows, it can enable

the support of a broader cultural range of activities.

DISADVANTAGES

- 1. Cost to the environment.** Population growth exacerbates many of the existing environmental problems
 - 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.

- Higher population will lead to a greater consumption of non-renewable resources, leading to a faster depletion of natural resources.
- Higher population will lead to greater pollution levels in air, water and land. Higher pollution is associated with a range of health issues, such as cancer and asthma. The pollution also harms animals and plants.
- To feed a growing planet, we have seen serious degrading of farmland (according to UN estimates) about 12 million hectares of farmland every year. This is due to factors, such as

overgrazing, use of chemicals, climate change and use of chemicals.

2. Congestion. Too many people in a small space will lead to various types of congestion. Road congestion is a major problem across the world. One study suggested congestion cost the EU €111bn (1% of GDP) in 2012. With population growth, the costs of congestion will only increase leading to time lost, more pollution and lost output.

3. Water shortages. Already up to 40% of the world's population water scarcity and the risk of drought. According to the UN water shortages could lead to 700 million people at the risk of displacement. A growing population will put pressure on scarce

water supplies and this is a factor behind many minor and major conflicts with countries having to find ways around the shortage of water.

5. APPLICATIONS

- Information on health workforce demography is a cornerstone of health planning and policy, enabling more efficient and effective delivery of health interventions to populations, as well as to global priorities related to the creation of jobs, gender equality and international migration.

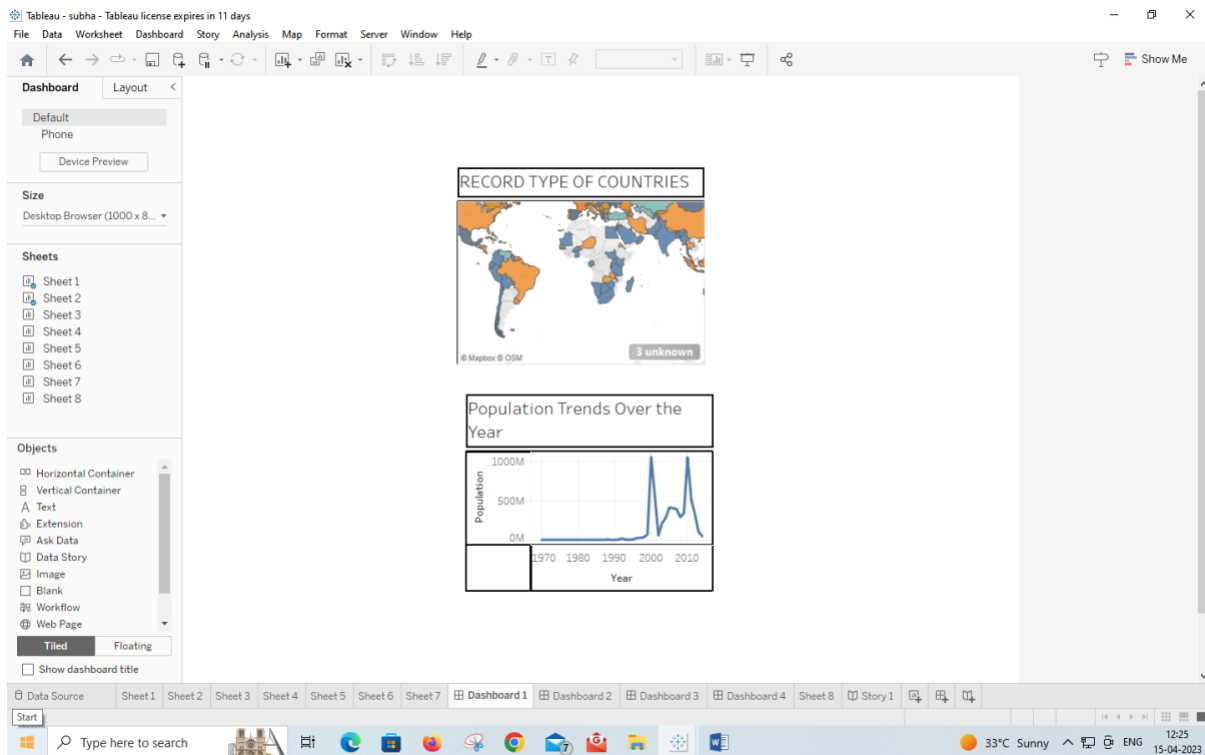
➤ Demographics are tool for businesses today. They help identify the individual members of an audience by selecting key characteristics, wants, and needs. This allows companies to tailor their efforts based on particular segments of their customer base.

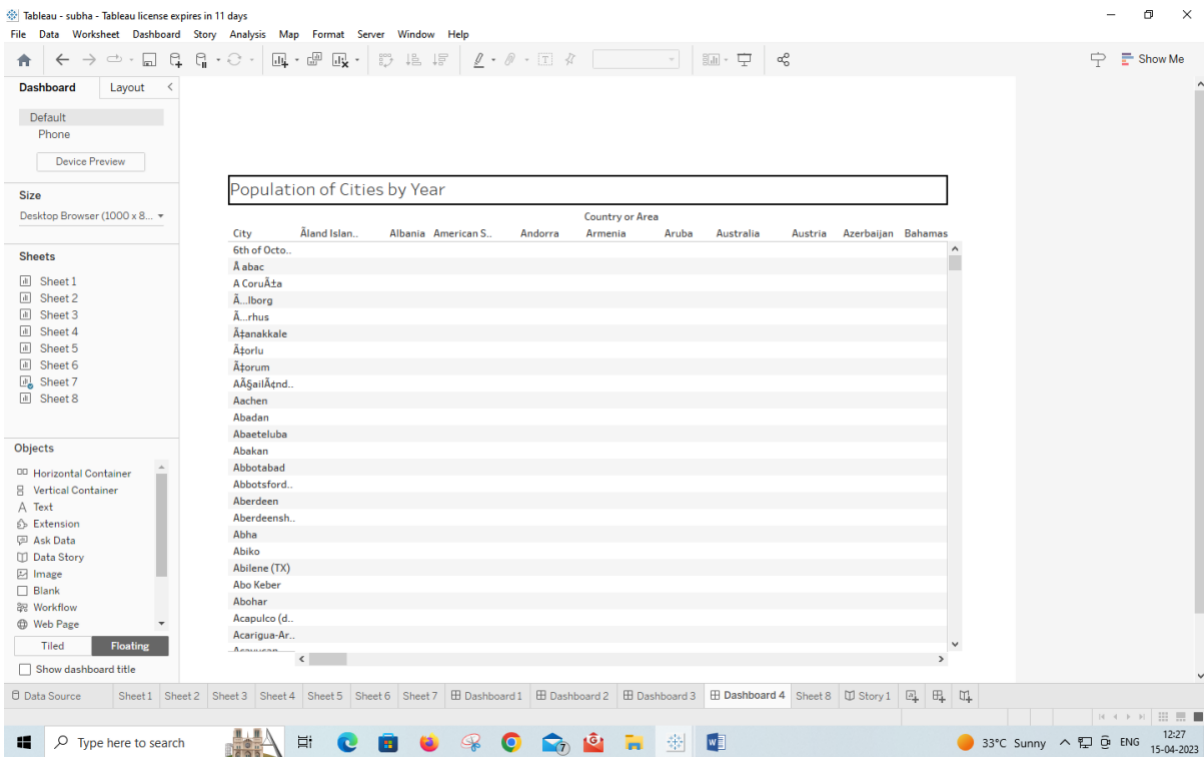
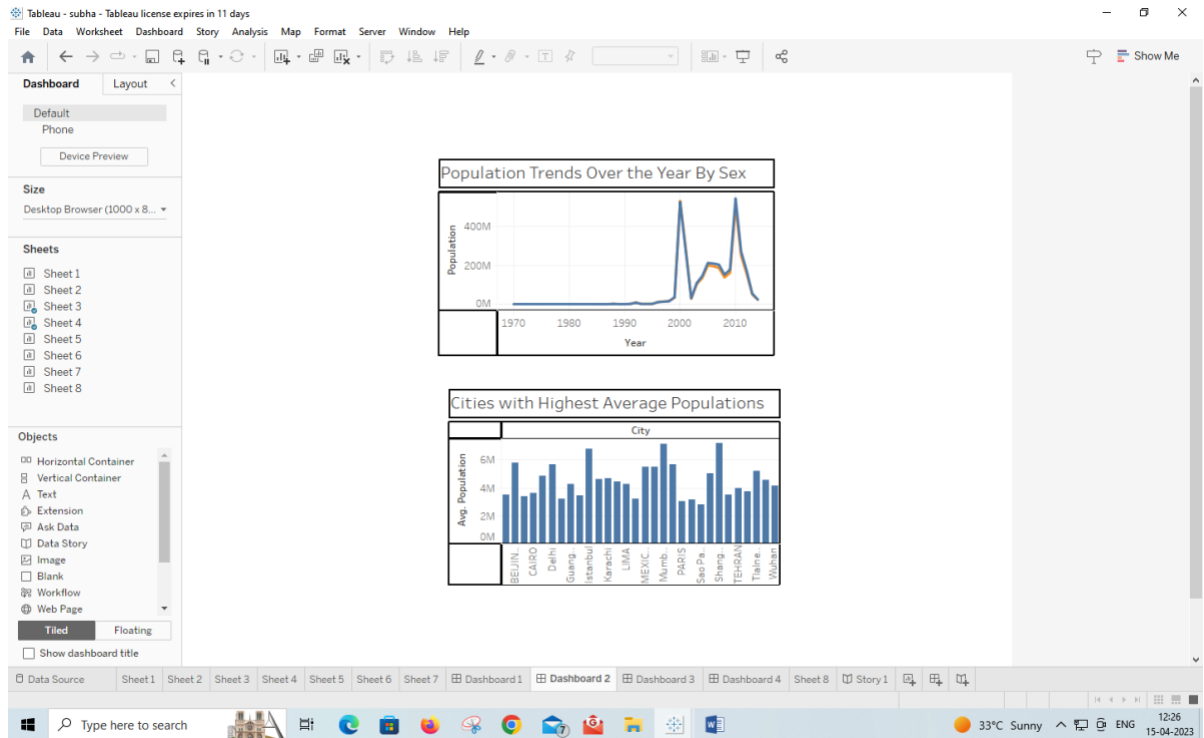
6. CONCLUSION

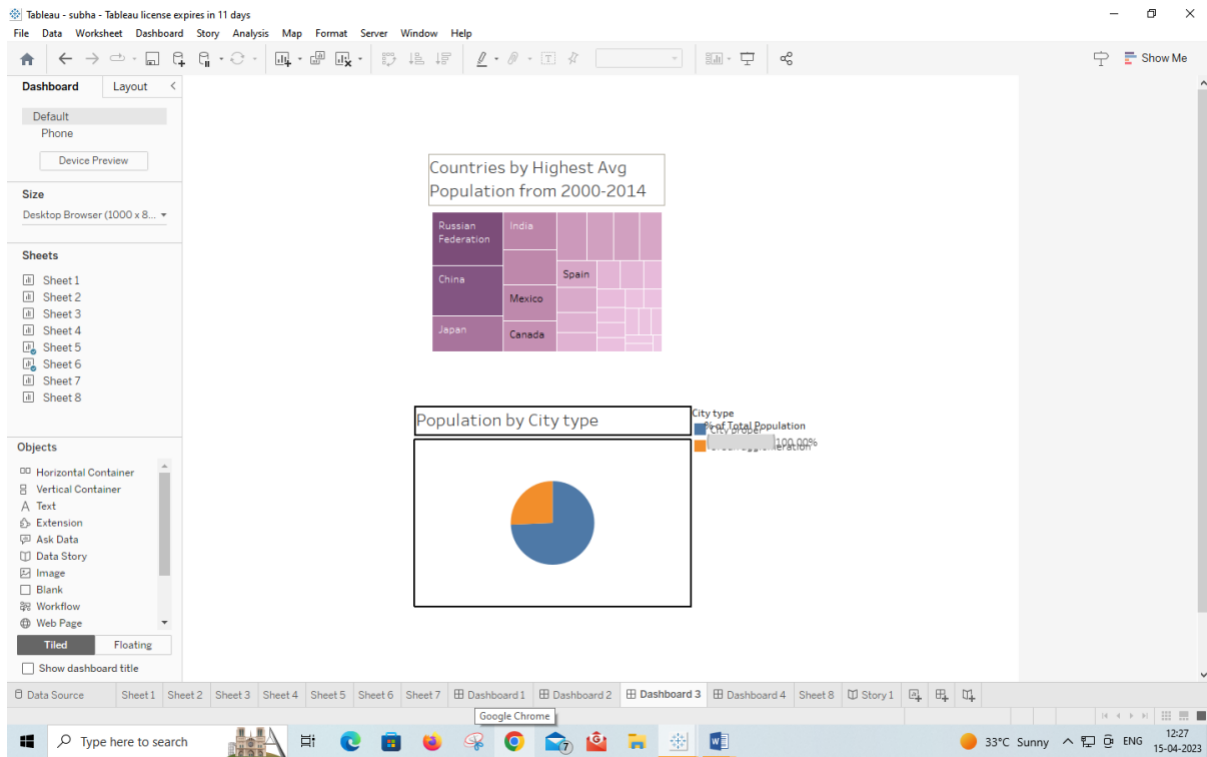
The growth is controlled by the rate at which new individuals are added to the population-the birth rate and

the rate at which individual
leave the population –the
death rate.

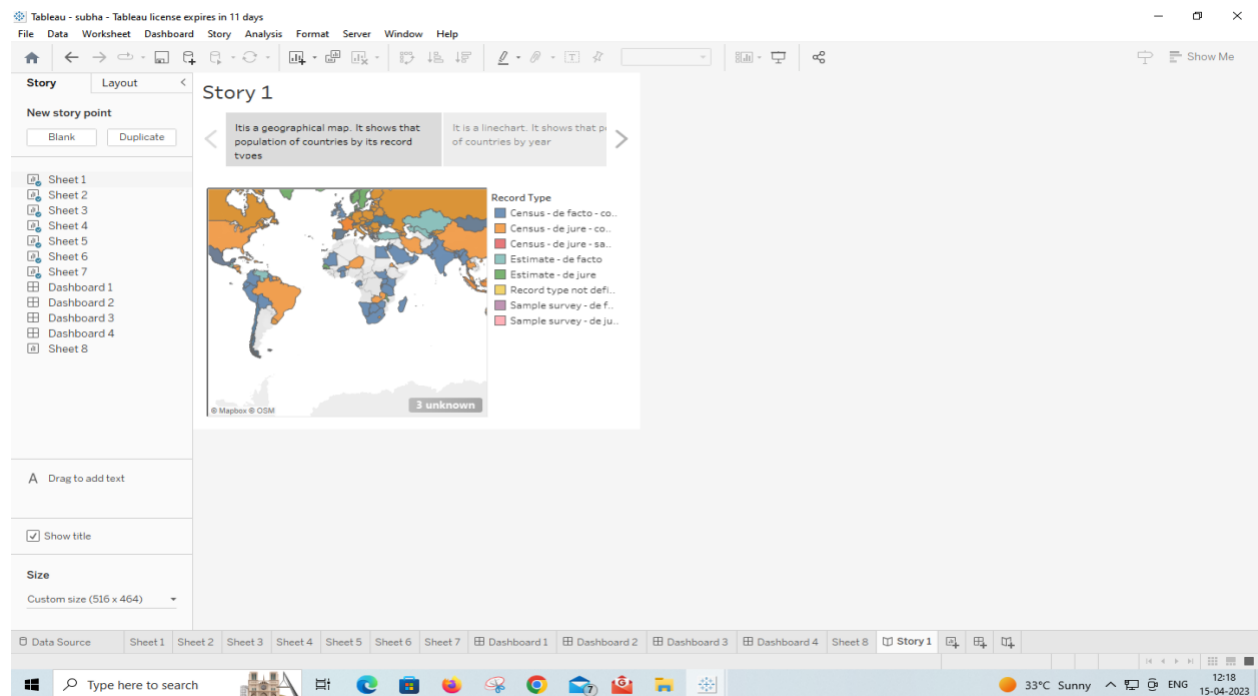
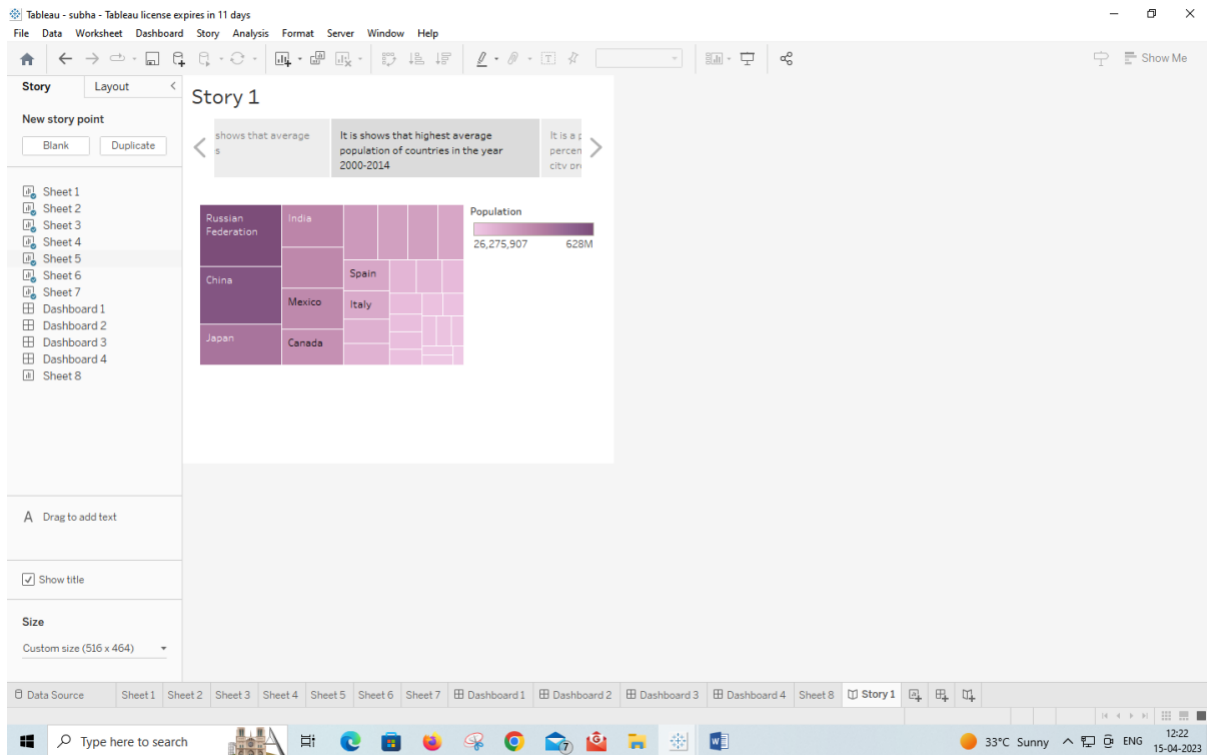
DASHBOARD

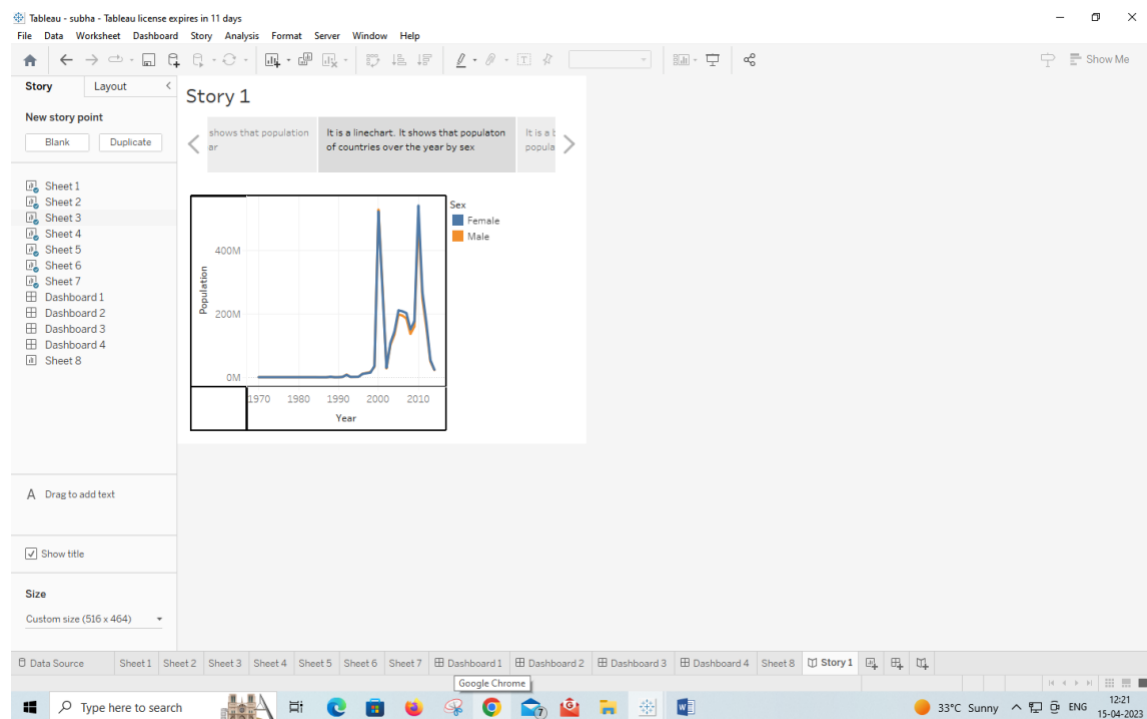
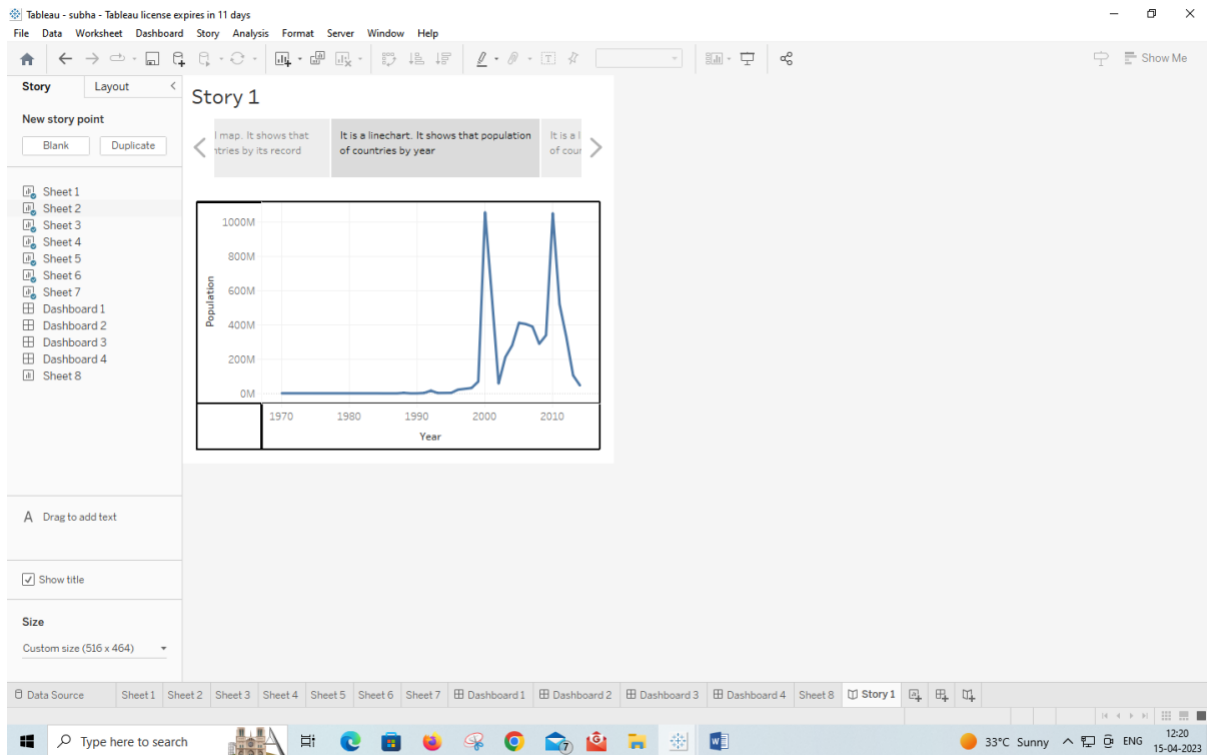


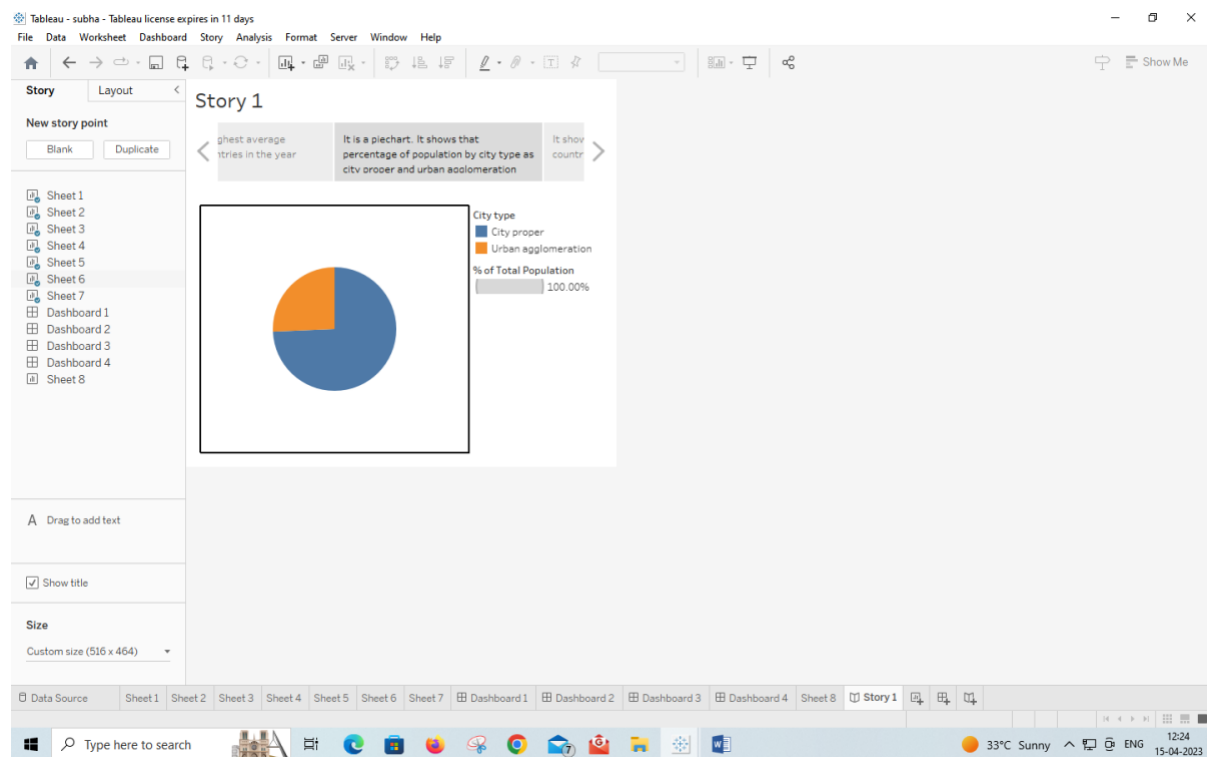
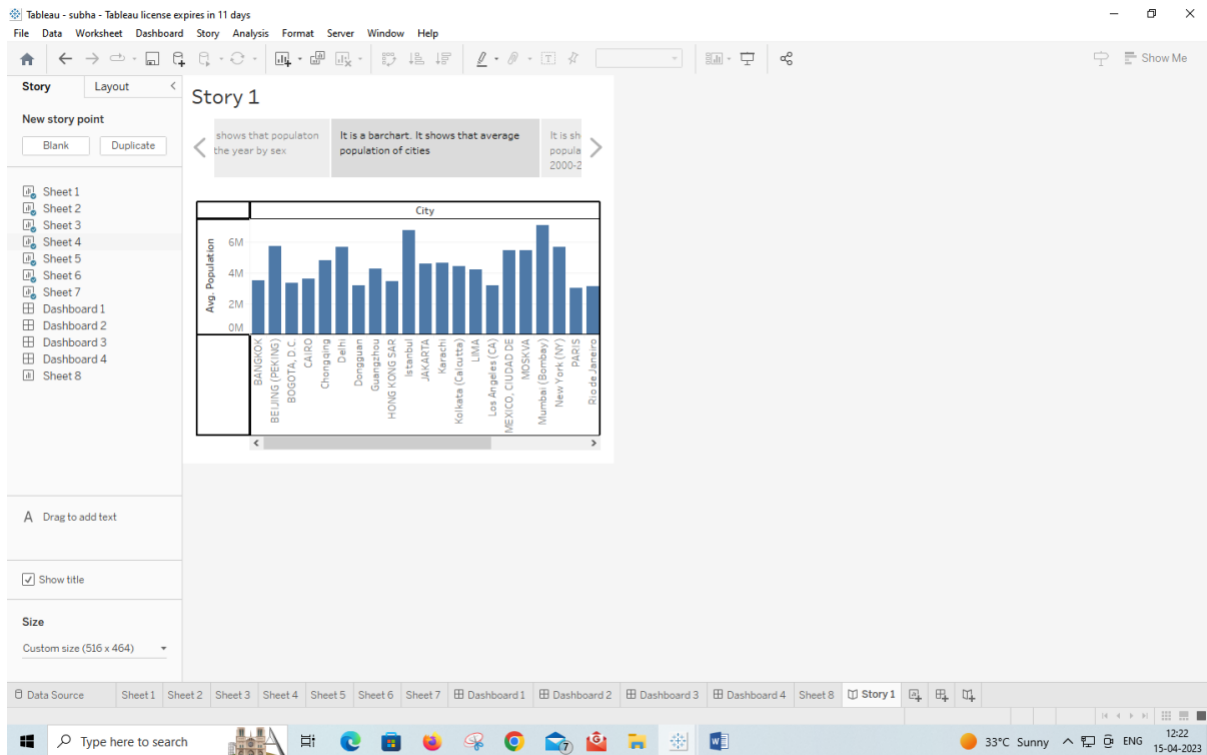


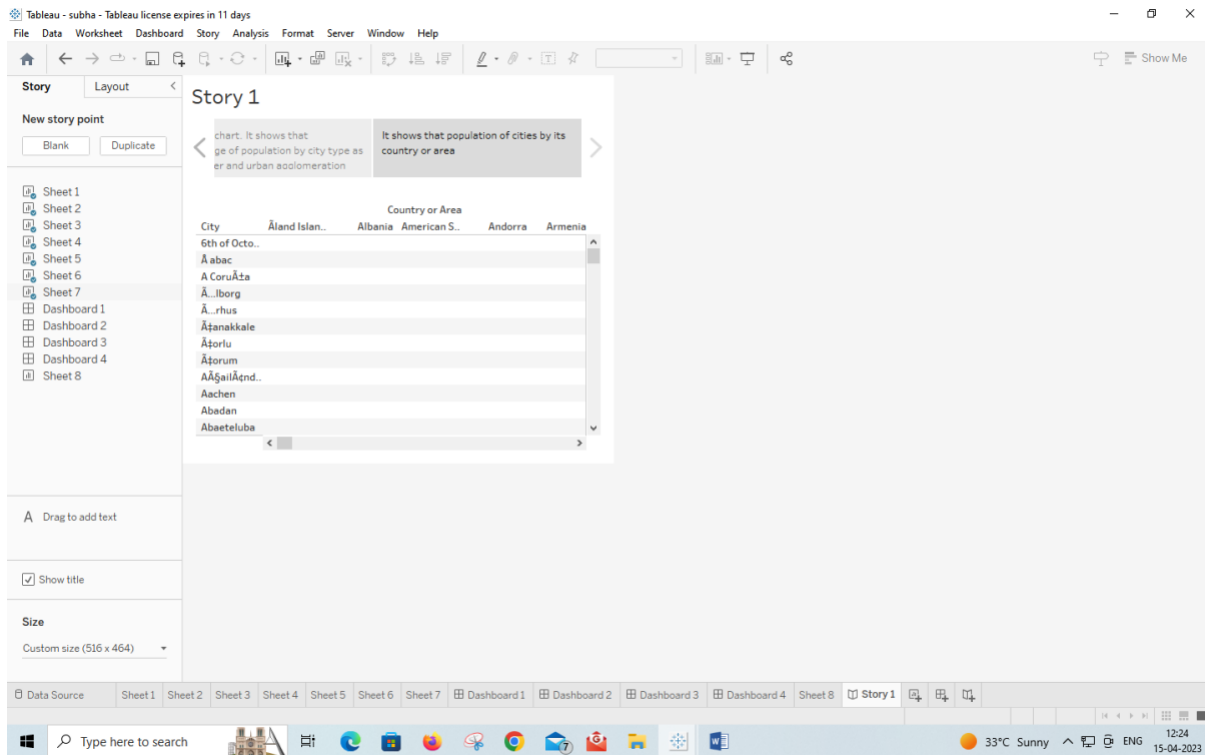


STORY









7. FUTURE SCOPE

This article focusing of population growth up to the present

- Improving the health care leads to falling mortality and there is factor

that increases the size of the population.

- Vote for the politicians who acknowledge the detrimental impacts of population growth and propose political solutions.
- Better education about population growth.

8. APPENDIX

SOURCE CODE

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