

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

## Index

| S.NO | CONTENTS   | PAGE<br>NO. |
|------|--|-------------|
| 1.   | Introduction<br>1.1 Overview<br>1.2 purpose  | 02-03       |
| 2.   | Problem definition and design thinking<br>2.1 empathy map<br>2.2 brainstorming map | 03-04       |
| 3.   | Result<br>3.1 Worksheets,dashboard and story<br>3.2 database connectivity          | 04-08       |
| 4.   | Advantages and Disadvantages of the Project  | 08-09       |
| 5.   | Applications   | 10          |
| 6.   | Conclusion   | 11          |
| 7.   | Future scope   | 11-12       |
| 8.   | Appendix   | 12          |

# 1.Introduction

## 1.1 Overview

The project title is **Tracing the growth of the Global community : A Population Forecasting Analysis**. The global human population reached 8.0 billion. The world population is expected to increase nearly 2 billion persons in the next 30 years , from the current 8 billion to 9.7 billion in the mid - 2080s. The dramatic growth has been driven largely by increasing numbers of peoples surviving to reproductive age , the gradual increase in human lifespan , increasing urbanization , and accelerating migration. In this project we are trying to analysis the growth of the global community.

## 1.2 Purpose

The global community is a team we take for

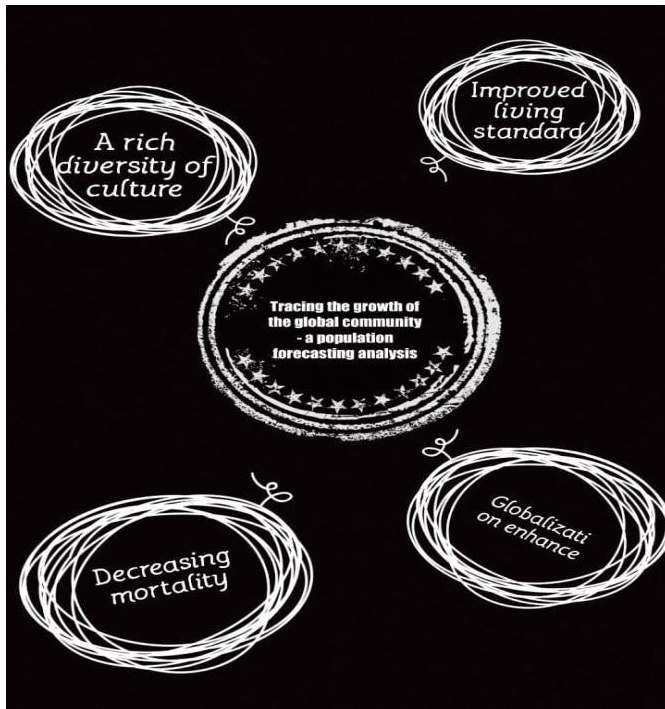
granted today . It emergence growth and activities of the international organizations both the governmental and non-governmental . The purpose of the global community is to promoting the cultural exchange , offering humanitarian assistance , extending developmental and , protecting the environment and championing human rights.

## 2. Problem definition and design thinking

### 2.1 Empathy map



### 2.2 Ideation and Brainstorming map



### 3. Results:

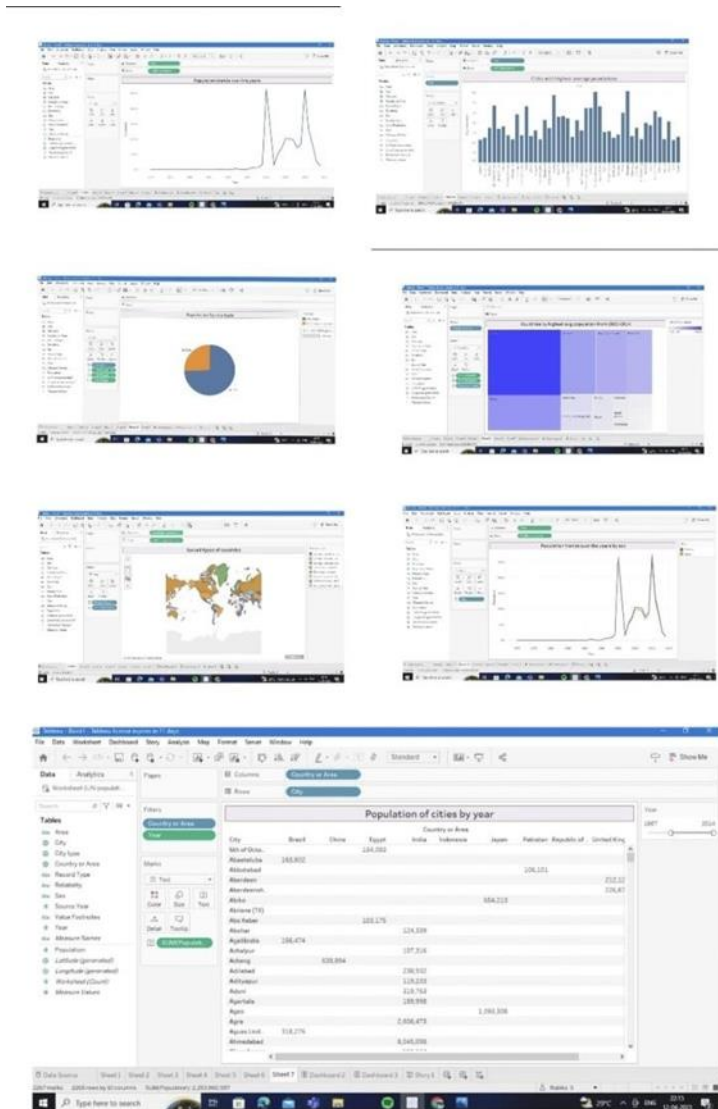
#### 3.1 Worksheets, dashboard and story

Below are the seven worksheets from TABLEAU representing the following activities:

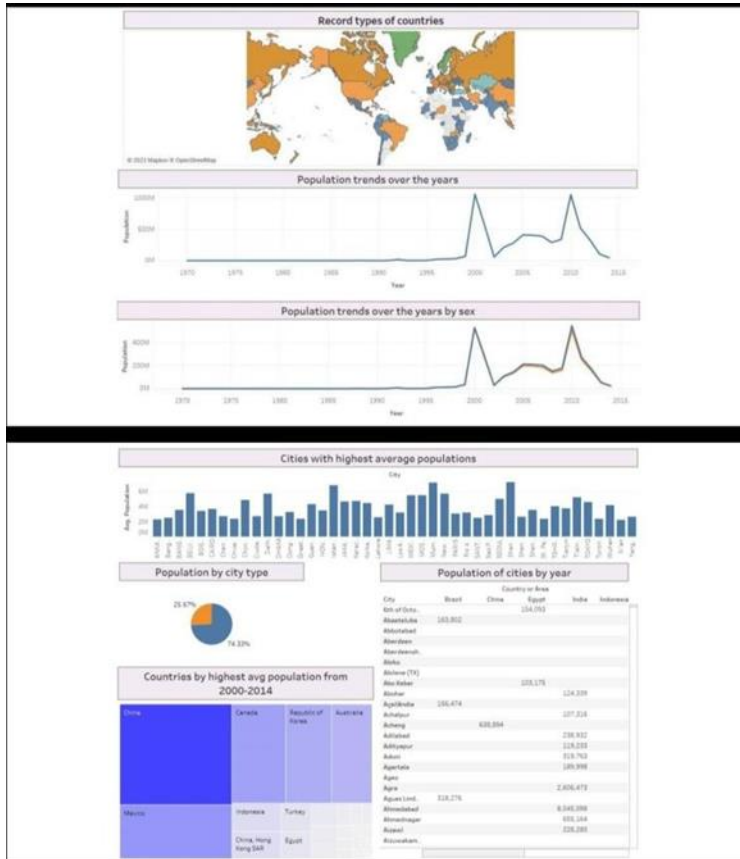
- Population records by Type of countries
- Population trend's over the years
- Population trend's over the years by sex
- Cities with highest average population
- Countries with highest average population 200 - 2014

➤ Population by City type

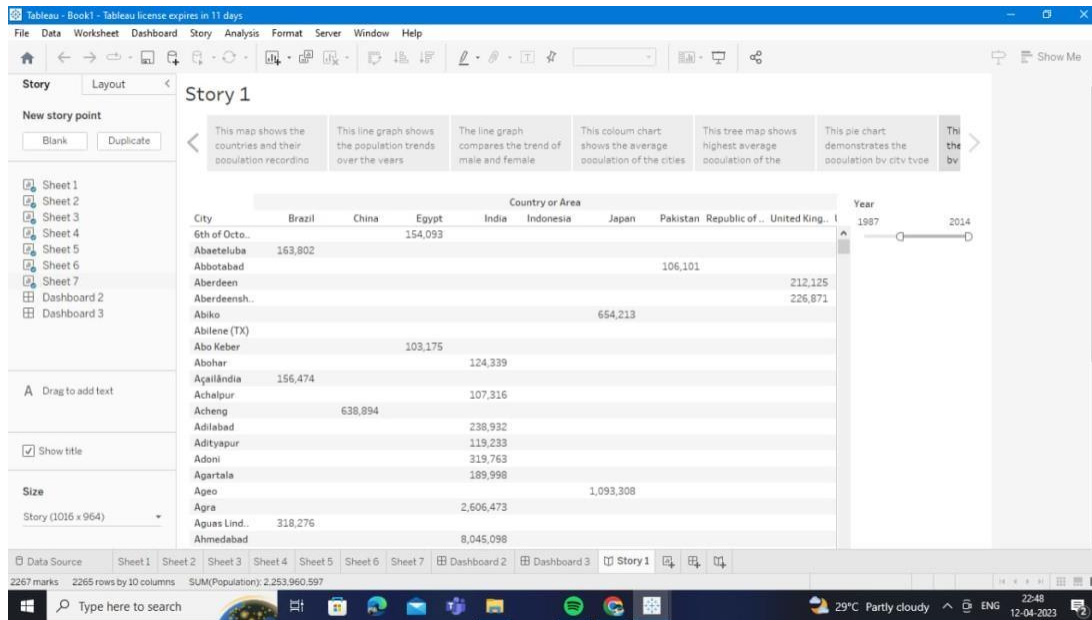
➤ Population of cities by year



## Dashboards:

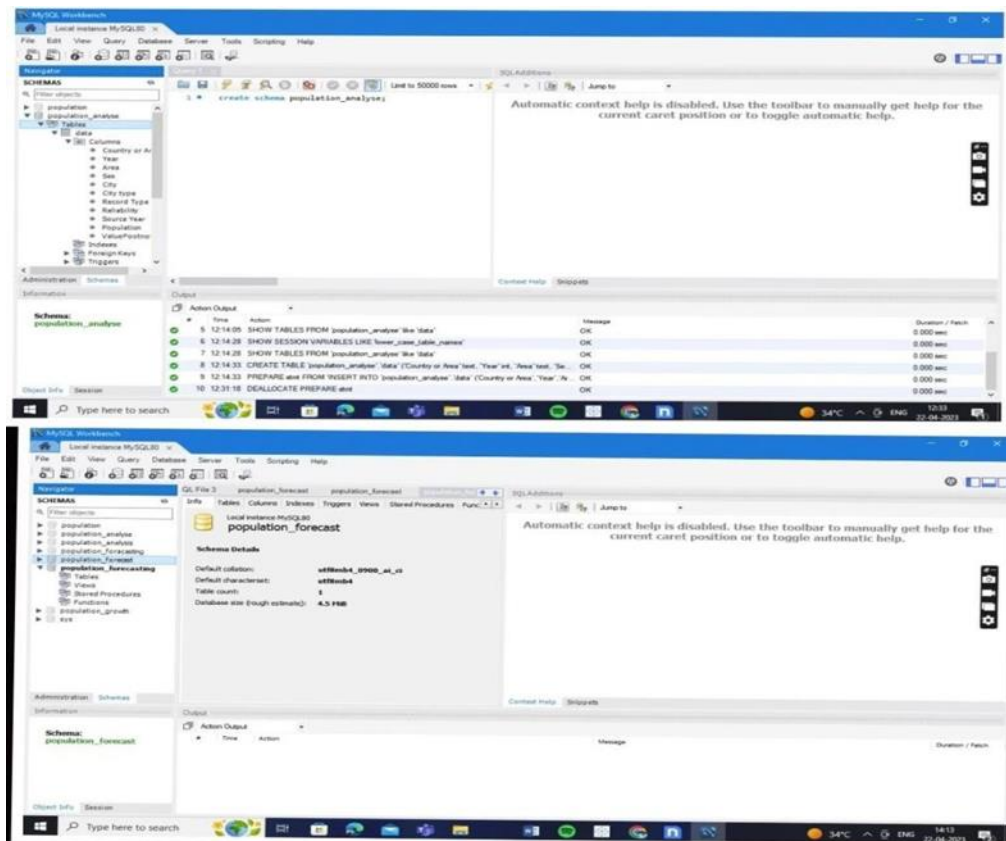


# Story:



## 3.2 Database Connectivity

Below are the screenshots of connecting the database with MYSQL



4. Advantages and disadvantages of the project:

## Advantages



- It has enabled a rich diversity of culture , technology and improved living standard . However population growth is increasingly coming at a cost in particular to the environment.
- High population levels are contributing to the depletion of natural resources and causing wide spread population.
- Globalization enhances cooperation by enabling country to specialized for example a country in south America that specialize in sugarcane export it to a developed country exchange of manufactured goods
- Potential benefits of globalization for the economic includes increase choice higher quality products increased competition economic of steel increased capital flows .

## **Disadvantages**

- Disadvantages of tracing the growth of global community for world economics include possible monopolization structural unemployment .

- The major disadvantages are inter-dependent and tax avoidant.
- Potential disadvantage of globalization for individual business including compliance control and inadequate market knowledge .

## **5. Applications:**

There are a number of over-all generalizations which show differences on population habits. It is known for instance that the size of family generally varies inversely with income and education, that low income groups have more children than high income groups, that farm families are larger than city ones, and that most families of foreign birth (perhaps not so much because they are foreign, as because they often have low incomes) have more children than native born people. In general, Catholic families in the United States have tended to have more children than those of most Protestant denominations. Although these generalizations have been valid, it does not mean that they will always apply .It is being noticed today, for instance, that some persons in professional occupations.

## 6. Conclusion:

It took 1,000 years for the invention of paper to spread from China to Europe. Nowadays, in a world that has become more integrated, innovations spread faster and through many channels. The spread of knowledge and technology across borders has intensified because of globalization. To trace knowledge flows, our study uses the extent to which countries cite patented innovations from the technology leaders as prior knowledge in their own patent applications.

## 7. Future scope:

Beneath the global level, there are of course big differences between different world regions and countries. While in some regions the world population will likely grow rapidly for the coming decades, other regions will continue to see declining population numbers.

Global population growth is determined by the number of births and deaths. Improving health is increasing the size of the population as it is decreasing mortality. The countervailing trend is falling fertility rates the trend of couples having fewer children is what brought rapid

population growth to an end in many countries already, and what will bring an end to rapid population growth globally.

## 8. Appendix

[https://public.tableau.com/app/profile/rubika.s/viz/Dashboard\\_16813742180160/Dashboard3](https://public.tableau.com/app/profile/rubika.s/viz/Dashboard_16813742180160/Dashboard3)

<https://github.com/rubikaselvaraj?tab=repositories>

<https://public.tableau.com/app/profile/rubika.s>

<https://populationforecastinganalysis.nicepage.io/?version=d0dcde34-0edd-468f-8aea->

