

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

Project Based Experiential Learning Program

INTRODUCTION

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 2.5Billion 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 persons 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 implications for generations to come.

TABLEAU

Tableau was found in 2003 to enrich the business but I become one the business strategy. As the market leading choice for modern business platform makes it easier for the people to explore and manage data and faster to discover and share insights that can business and the world .



PROBLEM

Population growth is difficult to predict because unforeseen events can alter birth rates, death rates, migration, or the resource limits on population growth. Birth rates may decline faster than predicted due to increased access to contraception, later ages of marriage, the growing desire of many women in such settings to seek careers outside of child rearing and domestic work, and the decreased economic "utility" of children in industrialized settings. Countries may also choose to undertake mitigation measures to reduce population growth. For example, in China, the government has put policies in place that regulate the number of children allowed to each couple. Other societies have already begun to implement social marketing strategies in order to educate the public on overpopulation effects. Certain government policies are making it easier and more socially acceptable to use contraception and abortion methods.

DATA COLLECTION AND EXTRACTION FROM DATABASE

Data collection is the Collection data from various sour and measuring information Hera the data contain all. The type of information in the form of comma separated values that is CSV files Now The given data need to be formed as column here the column describes the months May ,June and july. stores the data

in mmm yyyy format and gives the week. Number for particular data and the given week is weekend or not then stored the Performed data in database and connect the database to tableau.

DATA PREPARATION

We can use processed data to get the visual bar graph, for this involve adding the missing data and removing irrevelent preparing visualization we can ensure the accurance of days and complete.

DATA VISUALIZATION

Data visualization is the of creating the pic representation of the processed data to help the people to understand the data more and more easier and it makes the more completed data easily even for uneducated and easy interrupt. visual element such as charts, and maps data visualization can help people quickly identify .

ADVANTAGE OF POPULATION GROWTH ANALYSIS

1. **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 cultural masterpieces which enrich our lives. The past 200 years have shown exponential growth in technical development and innovation.

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.

3.**The Improved demographic structure of society.**

Many western economies are now experiencing a falling population, with the result that their population demographic is being skewed to old, retired people. This is imposing costs on society as we struggle to pay for health care and pensions. Moderate population growth helps to rebalance the population with a higher share of young, working people.

DISADVANTAGE OF POPULATION FORECASTING ANALYSIS

1.**Burden of Unproductive Consumers:**

The number of unproductive consumers is increasing in India. Unproductive consumers are those who are not employed but they do consume. They include children below the age of 15 years and old persons who are above the age of 60 years. It is not that all children and old persons are not employed. Thus it will be a huge burden on the Indian economy to feed such a large number of persons.

2.**Increase in Unemployment:**

With rapid increase in population, the most daunting task in India is to provide employment not only to the growing labour force every year, but also to reduce the backlog of the unemployed from the previous years. The estimates of the Planning Commission it the end of each five year plan reveal the backlog of the unemployed persons which had been increasing. With the growth in labour force at an average annual rate of 2.4 per cent, there is little possibility of reducing unemployment for years to come.

CONCLUSION

From this we can understand about the TABLEAU. And using of this tableau we can able to bring the Revolution in this business world. By this project we have created dashboard and story for forecasting population analysis with the use of tableau.

