

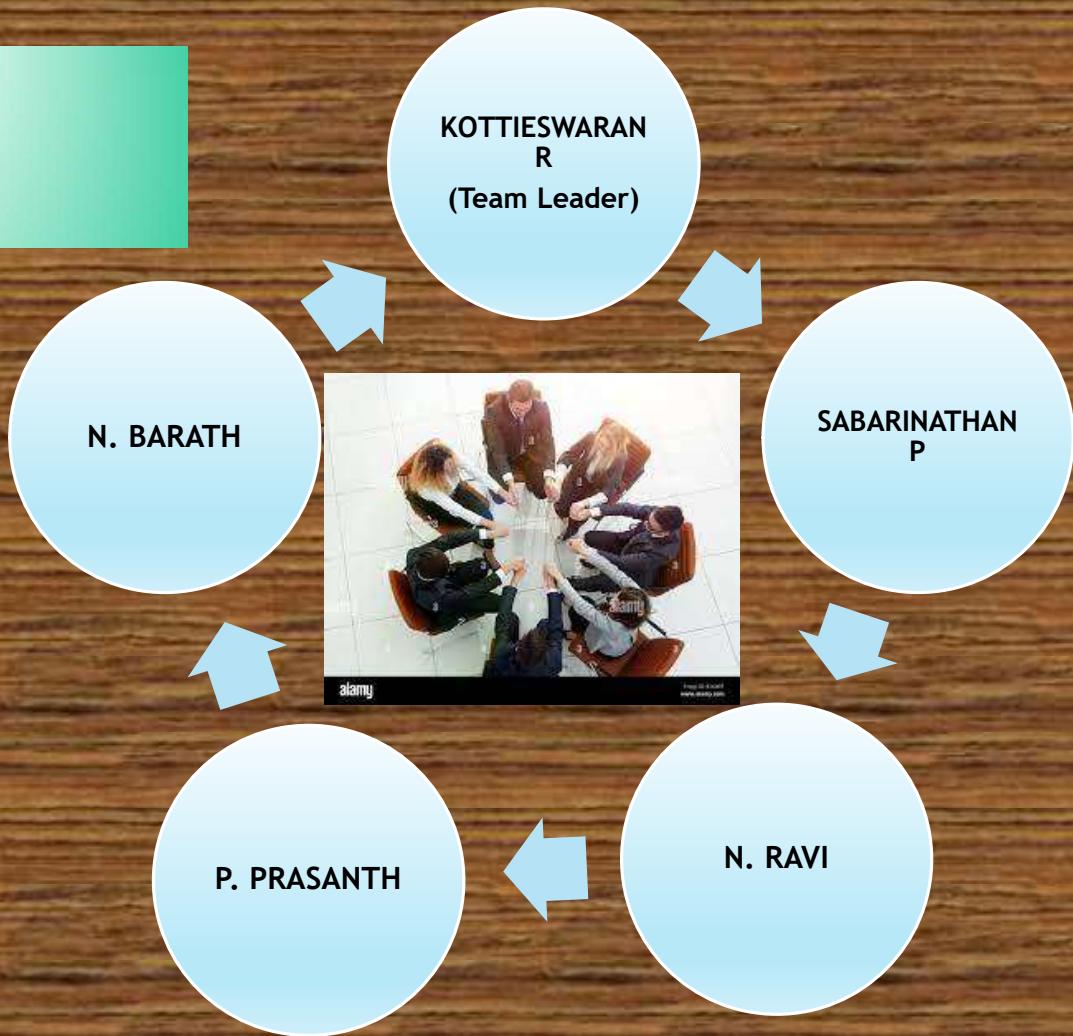
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**TRACING THE GROWTH OF THE GLOBAL COMMUNITY:
A POPULATION FORECASTING ANALYSIS**

Project Based Experimental Learning Program



Team Partners



POPULATION FORECASTING ANALYSIS

- **INTRODUCTION**
- **PROBLEM DEFINITION & DESIGN THINKING**
- **ADVANTAGES & DISADVANTAGES**
- **APPLICATIONS**
- **FUTURE SCOPE**
- **STEP IN TABLEU, DASHBOARD, STORY**
- **CONCLUSION**

INTRODUCTION



The world's population is more than three times larger than it was in the mid-twentieth century. 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.



The 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.



PROBLEM DEFINITION & DESIGN THINKING

The population problem refers to the challenges and issues that arise from an increasing population, including resource depletion, environmental degradation and social and economic challenges. It is often associated with concerns about over population and sustainability.

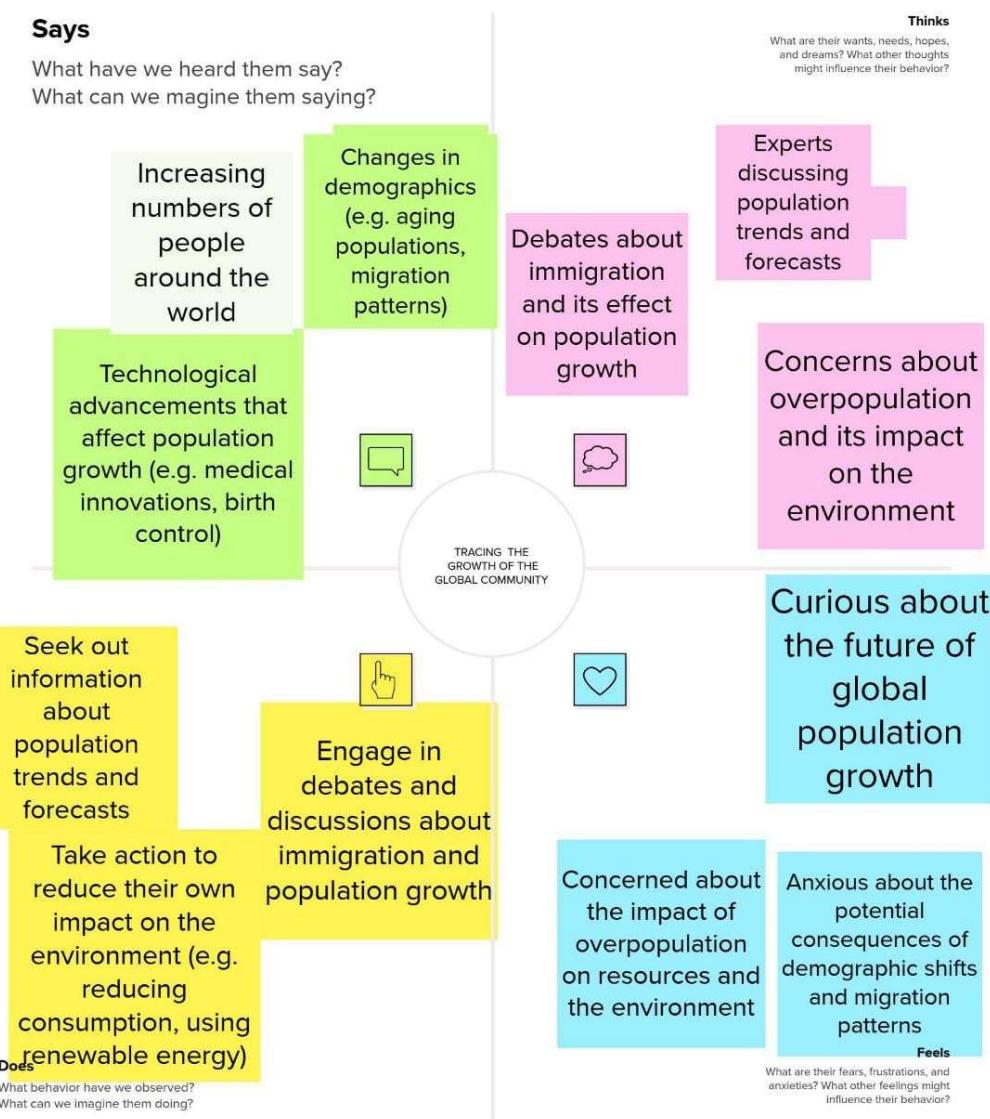
How to decrease the population ?

The population of increased by Births, decreased by Death, increased by Migration and increased by Annexation. This all four factor effect the change in population. The correct present and past population can be obtained from census of office.

Says

What have we heard them say?

What can we imagine them saying?



EMPATHY MAP

We have done the Empaty map
for better understanding of a
problem.

Brain storm & idea prioritization



Brainstorm

Write down any ideas that come to mind that address your problem statement.

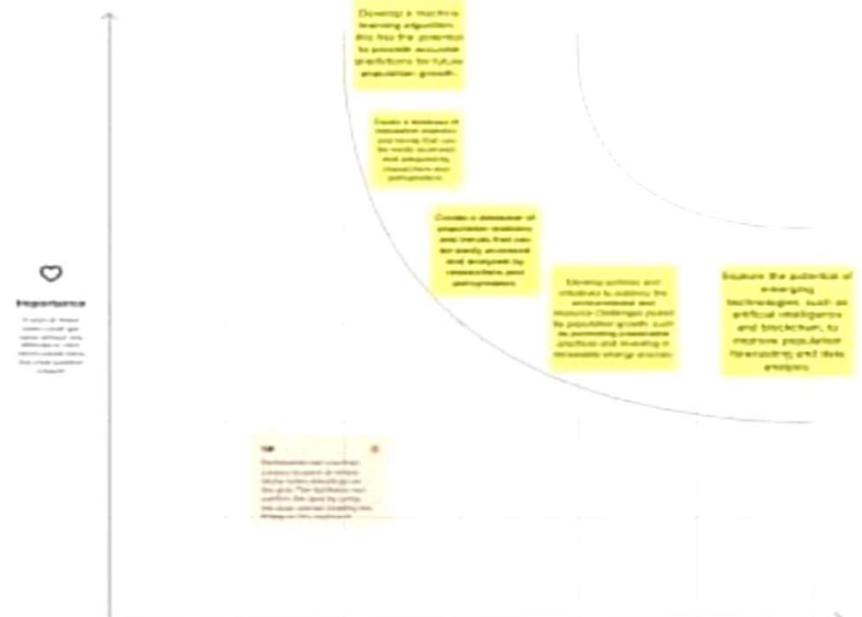
(1) 30 minutes



Prioritization

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

(2) 30 minutes



ADVANTAGES & DISADVANTAGES OF POPULATION

Advantages:-

- ❖ More people leads to greater human capital.
- ❖ The efficiency lation density.
- ❖ Long-term planning.
- ❖ Culutural diversity.
- ❖ Economic planning.

Disadvantages:-

- ❖ Ethical Dilemmas.
- ❖ Uncertainty.
- ❖ Complexity.
- ❖ Bias.
- ❖ Inaccuracies.

Healthcare
Planning

Education
Planning

Urban
Planning

Environmental
Planning

Economic
Planning

APPLICATIONS



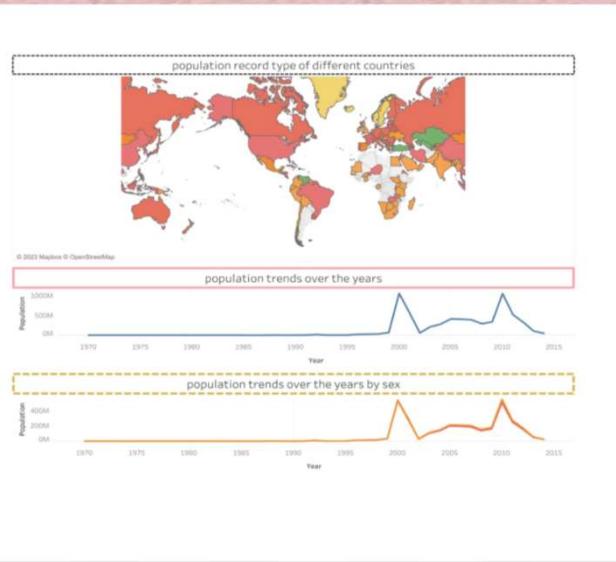
FUTURE SCOPES

- Advances in technology and data availability.
- Changing demographics.
- Climate changes.
- Migration and Urbanization.

- Global Health Concerns.



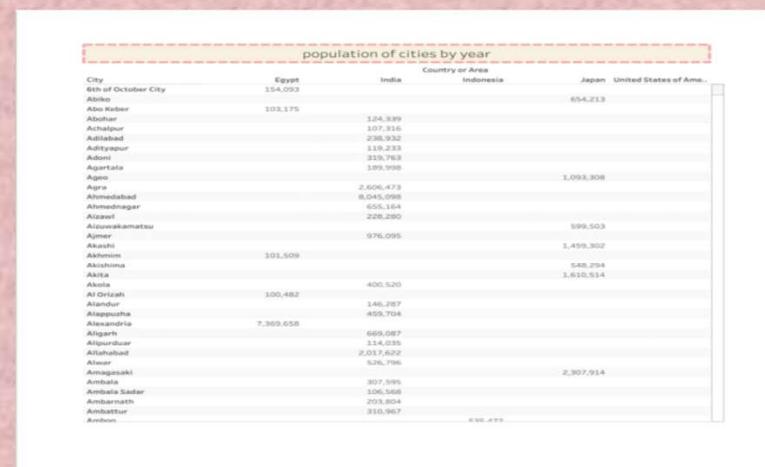
Dashboard 1



Dashboard 2

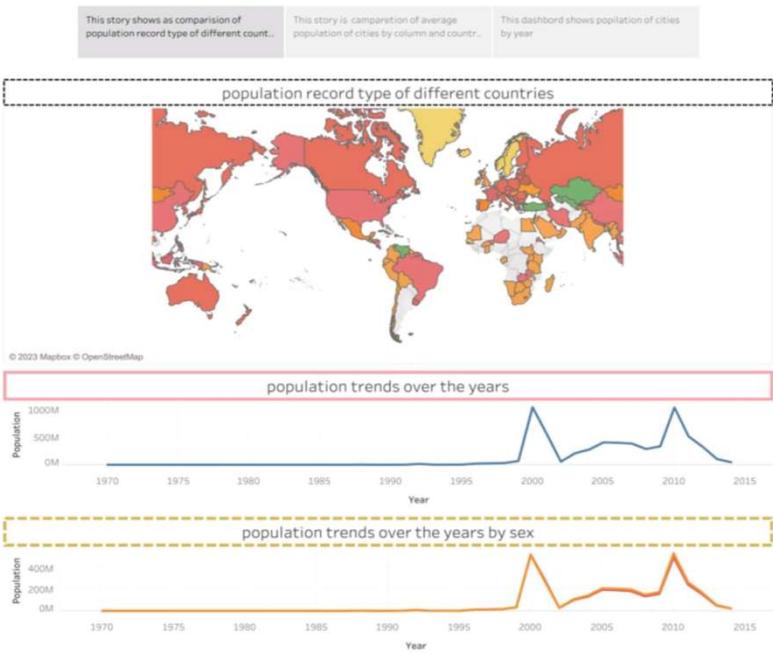


Dashboard 3



Story

Story 1

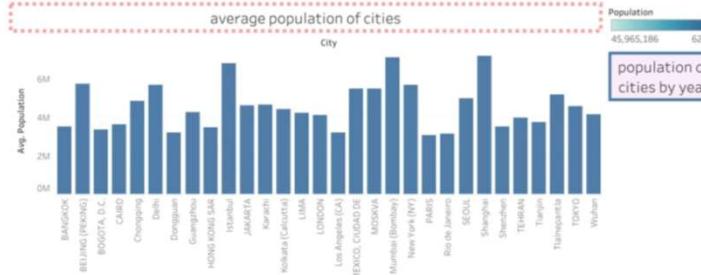


Story 1

This story shows as comparision of population record type of different count...

This story is compарetion of average population of cities by column and countr...

This dashboard shows population of cities by year



countries by average population



CONCLUSION

- ❖ Population Forecasting Analysis plays an essential role in predicting the growth of population and its implications on various of society.
- ❖ It is a valuable tool that helps policymakers and organizations plan for the future by forecasting trends, identifying patterns, and modeling potential outcomes.
- ❖ By understanding the drivers of population growth, we can design strategies and policies to mitigate its negative impact on the environment, health care, education, urban planning, and economics.
- ❖ Its enable us to make informed decisions that promote sustainable development and embrace demographic changes that are essential for a healthy, prosperous and equitable society.