



# **REPORT OF WORLD POPULATION**

## **ANALYSIS AND FORECASTING**

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**AUGUST 2024**

# ABSTRACT

There has been a rise in the population worldwide with Nigeria, a developing country not left behind.

The dataset used for this analysis was downloaded from Kaggle and analyzed in python.

The result shows a rise in the population growth in Nigeria and worldwide and the forecast shows that this trend will continue in the next 30 years.

Policy makers should therefore ensure policies especially in relation to birth control are made.

# OVERVIEW

- Introduction
- Objectives
- Methodology
- Result
- Discussion
- Recommendation
- References

# INTRODUCTION

**The population worldwide continues to be on the rise despite factors militating against this rise. These include reduced fertility, increased mortality, and climate change.**

**Nigeria, a developing country has also been experiencing this rise despite its economic situation.**

# OBJECTIVES

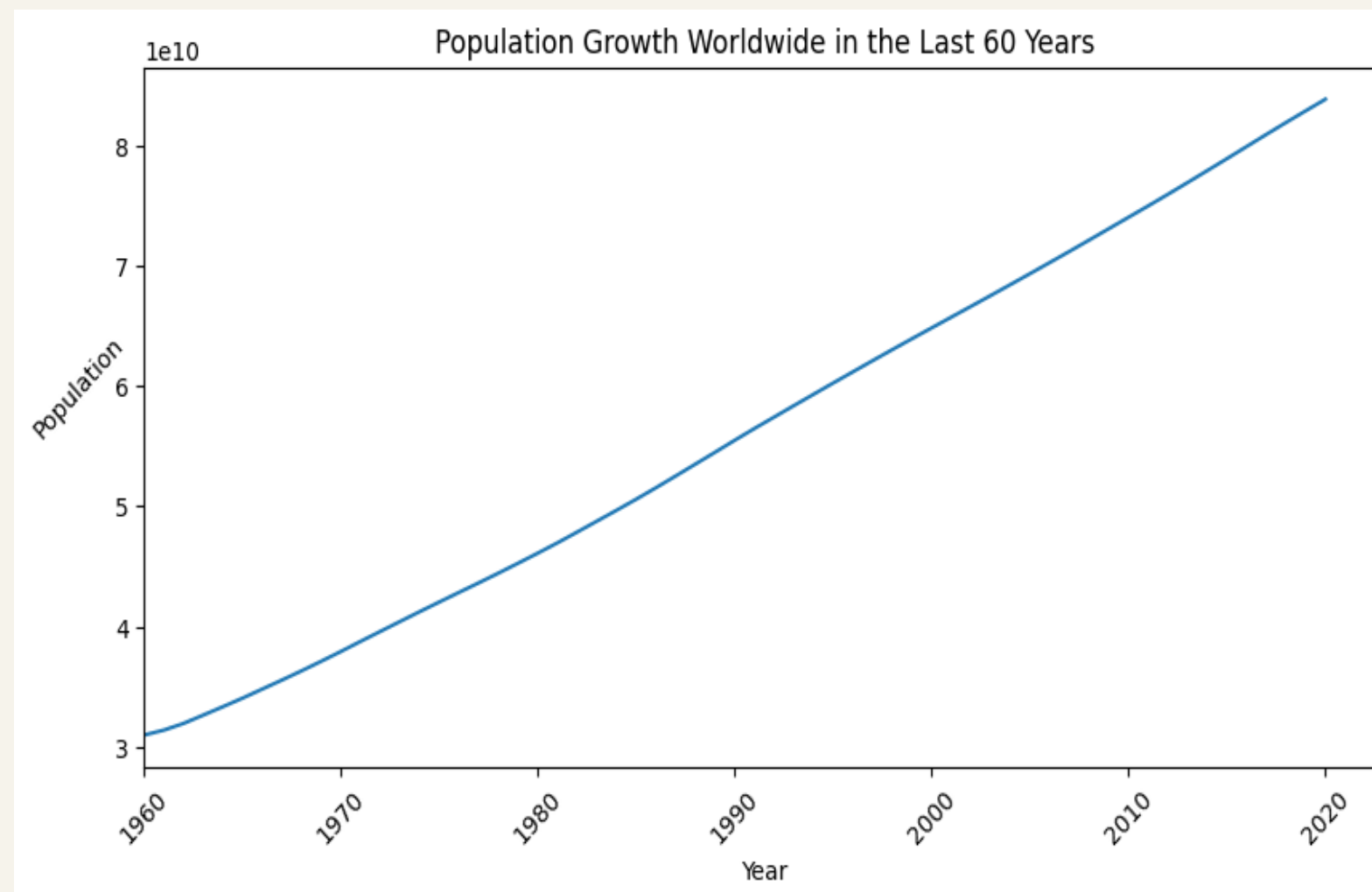
- ❖ To determine the trend of population growth worldwide in last 60 years.
- ❖ To determine the trend of population growth in Nigeria in last 60 years.
- ❖ To forecast world population in next 30 years.
- ❖ To forecast Nigeria population in next 30 years

# METHODOLOGY

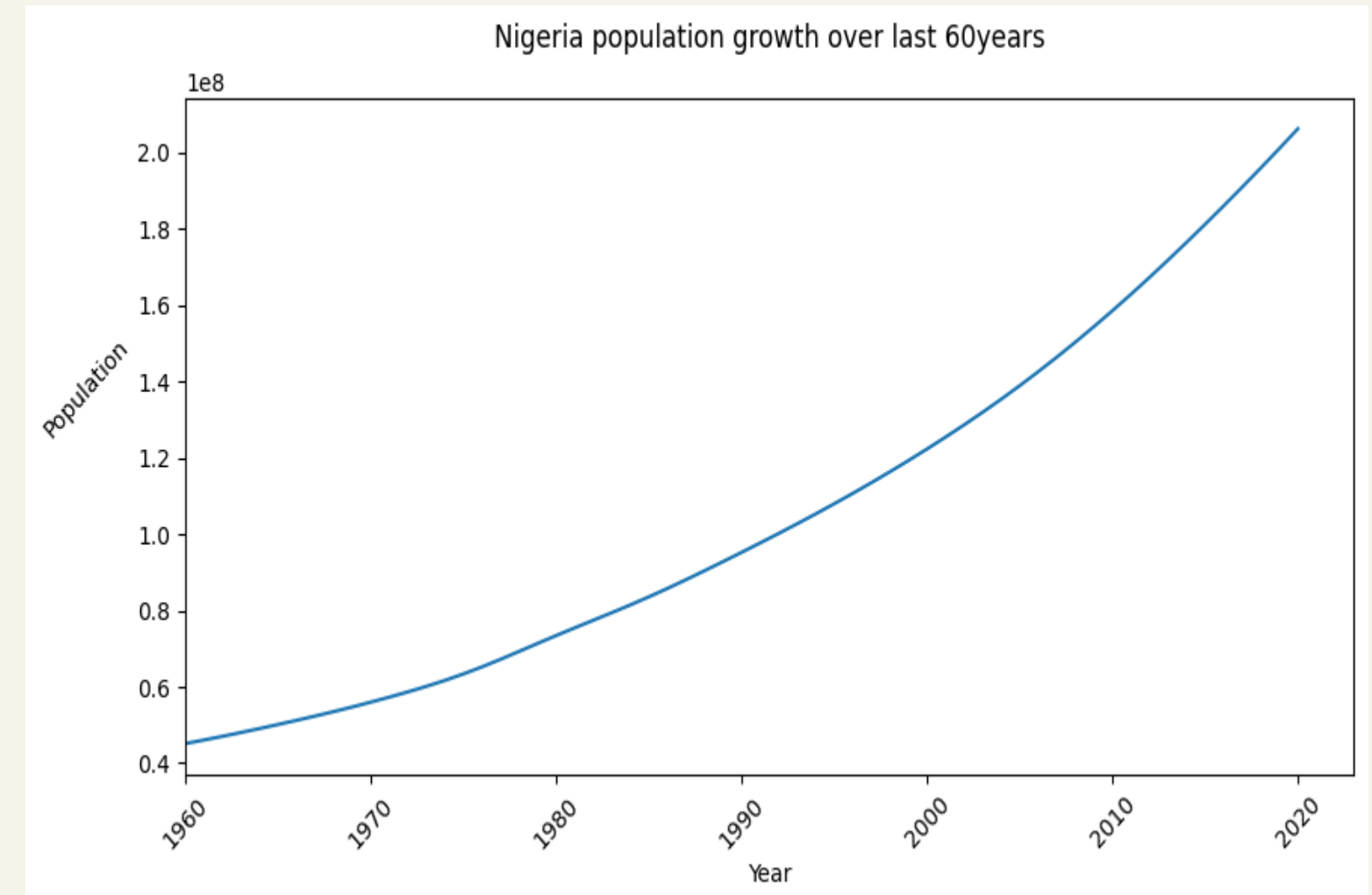
- ❖ Dataset was downloaded from Kaggle.
- ❖ Data analysis was carried out with python.
- ❖ Essential libraries and dataset were imported into google colab.
- ❖ Data cleaning and exploration were done.
- ❖ Data was subsequently analyzed.

# RESULT

Trend of population growth worldwide in last 60 years

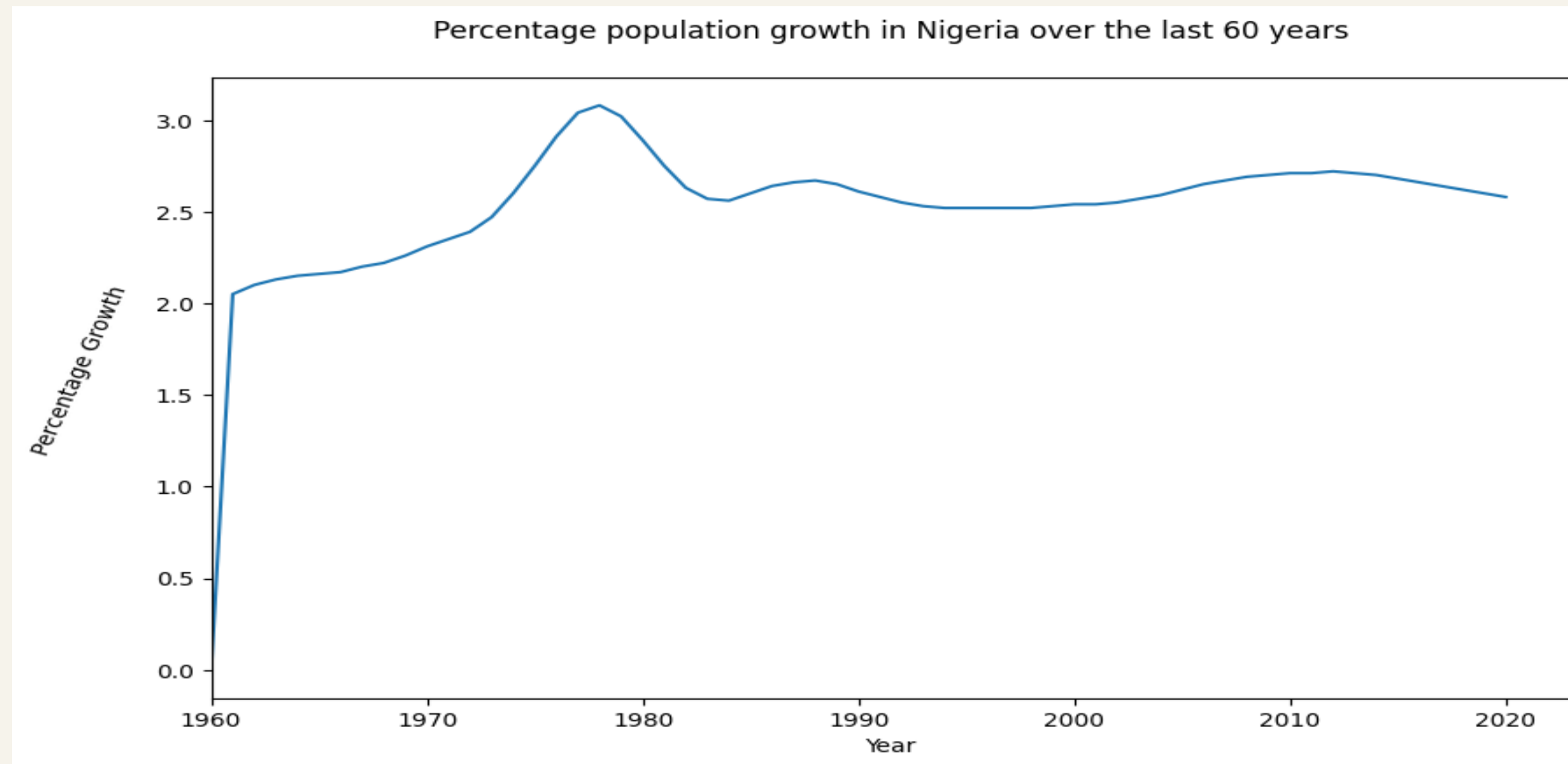


Trend of population growth in Nigeria in last 60 years



- ❖ The above charts shows similarity between the trend of population growth worldwide and in Nigeria.
- ❖ It can be observed that there has been a sharp rise in population over the past 60 years worldwide whereas in Nigeria, it can be observed as a slopy rise.

# RESULT



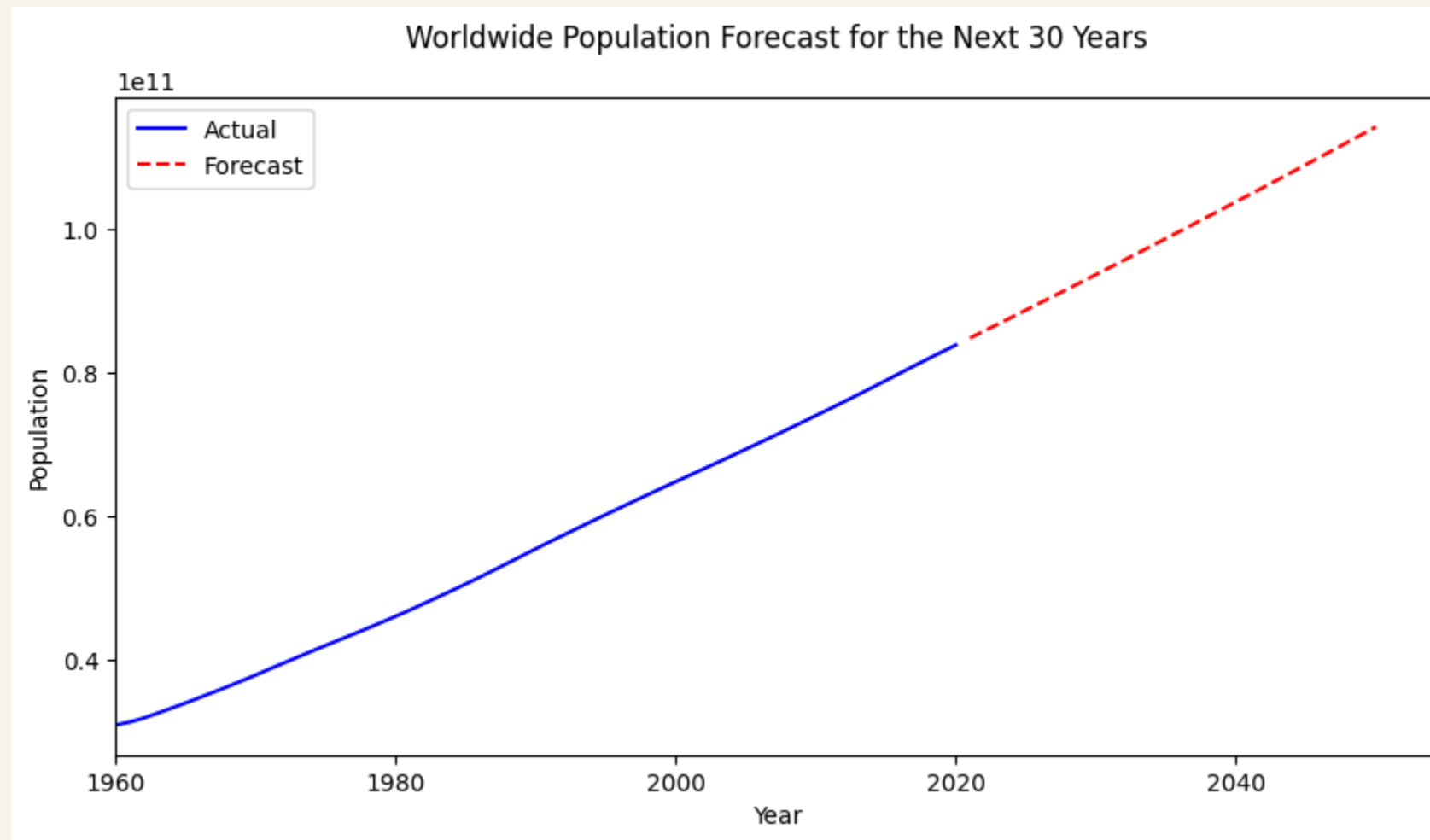
The percentage of population growth increased between the years 1960 and 1980 and experienced a fall between the years 1980 and 1985.

This rate of growth has been maintained since 1985

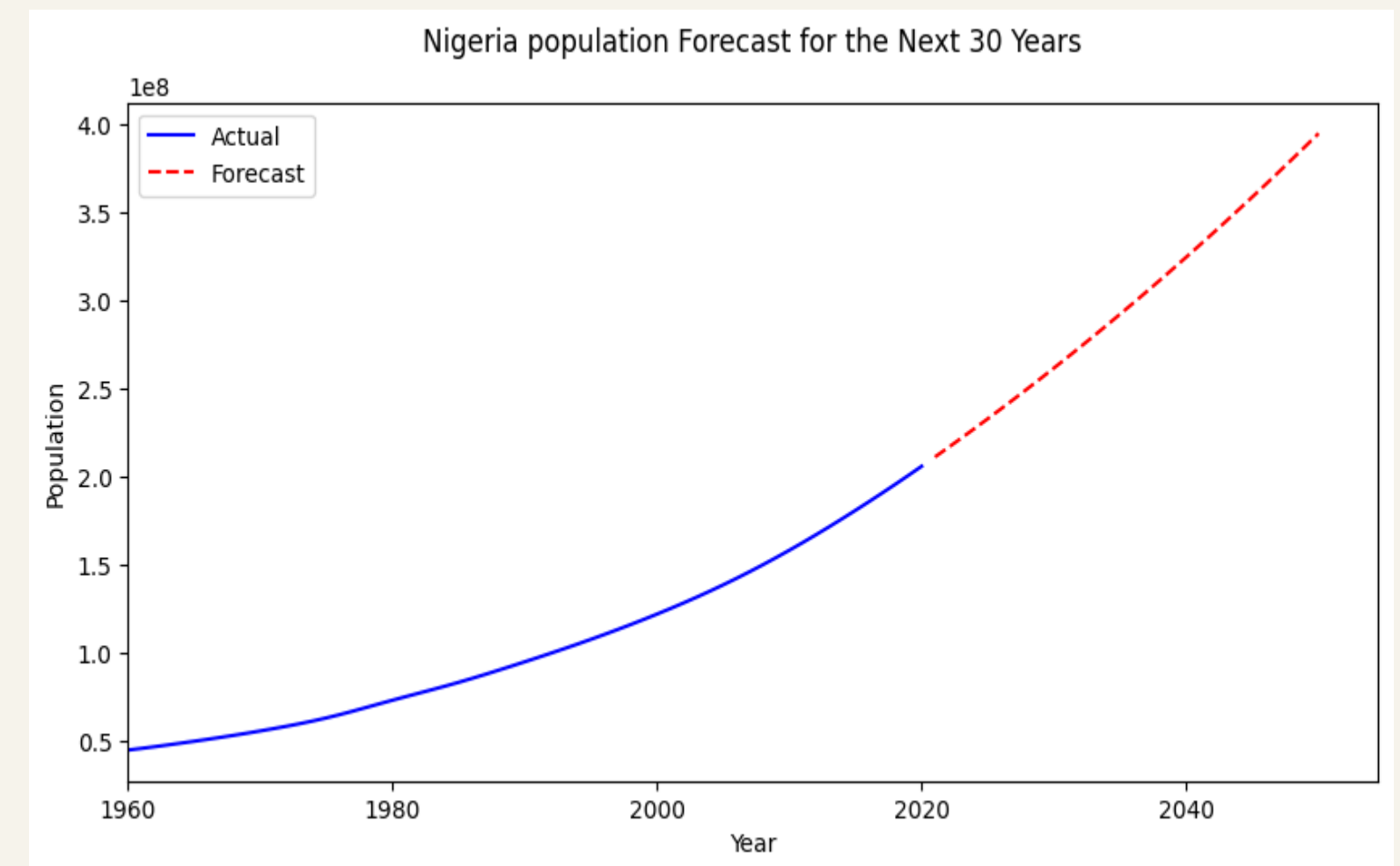


# RESULT

Forecast of population worldwide in next 30 years



Forecast of population in Nigeria in next 30 years



The above charts shows that Nigeria as a country will have a resemblance with the trend of population growth worldwide and likely experience a continuous increase in population over the next 30 years .

# DISCUSSION

**The world has been experiencing a continuous growth in its population although at a reduced percentage in recent times. This reduced percentage has been attributed to reduced fertility and increased mortality (Gu et.al, 2021)**

**Additionally, Nigeria has recorded a high population growth rate which would likely increase more in the future (Ogunleye et.al, 2018)**

# RECOMMENDATION

- ❖ Birth control policies should be enacted as this will reduce population, reduce overcrowding which precedes several childhood diseases, prevent malnutrition and prevent economic meltdown.
- ❖ Early marriages can be reduced by educating the public on its significance.

# REFERENCES

**Gu D., Andrreev K. & Dupre M.E. (2021). Major Trends in Population Growth Around the World. ChinaWkly, 3(28): 604-613. doi: 10.46234**

**Ogunleye O.O., Owolabi O.O & Mubarak, M. (2018). Population Growth and Economic Growth in Nigeria: An Appraisal. International Journal of Management, Accounting and Economics, 5(5).**



**THANK YOU**