1️⃣ Task 01 – Internship Report (PDF/Word style text)

Report: World Population Trends & Insights (1960–2024)

📌 Introduction

This project is part of my **Data Science Internship (Task 01) at Prodigy InfoTech**. The goal of this task was to analyse global population trends using **World Bank Population Data (1960–2024)** and to build an **interactive Power BI dashboard** to derive key insights.

📊 Dataset

- Source: **World Bank Population Data**

- Fields: *Year, Country, Region, Population*

- Period Covered: **1960 – 2024**

🎯 Objectives

1. Analyse **Global Population Growth** trends over time.

2. Identify **Top 10 Most Populated Countries**.

3. Perform **Region-wise Population Analysis**.

4. Calculate and visualize **Population Growth %** (yearly).

5. Create KPIs for quick insights.

⚡ Dashboard Features

1. **Global Population Growth (1960–2024)** → Line chart showing overall global trend.

2. **Top 10 Most Populated Countries** → Horizontal bar chart.

3. **Region-Wise Analysis** → Donut chart showing % share of regions.

4. **Population Growth % (1960–2024)** → Line chart for year-wise growth rate.

5. **KPIs** →

   o Total Population (Latest Year)

   o Growth Rate (Latest Year)

   o Top 3 Regions/Countries by % Share

🔑 Key Insights

- Global population has shown a **consistent upward trend** from 1960 to 2024.

- **East Asia & Pacific** region accounts for the largest share.

- Top contributors: **IDA & IBRD Total, Low & Middle Income, World category**.

- Growth % varies significantly by region, highlighting demographic shifts.

▨ Conclusion

This analysis provides meaningful insights into **population growth patterns** and supports better understanding of demographic changes. The Power BI dashboard can be used by policymakers, researchers, and students for **interactive exploration of trends**.