**Task-1   
Population Distribution Visualization - Project Documentation**

**Project Overview**

**During my internship, I worked on a project to visualize population distribution across various districts in India, utilizing the "India Districts Census 2011" dataset. This project aimed to analyze demographic data, enabling better insights into population trends and distributions.**

**Dataset**

**The dataset includes key demographic indicators, such as:**

* **Total population**
* **Gender distribution (Male, Female)**
* **Literacy rates**
* **Employment statistics**
* **Religious affiliations**

**Key Steps**

**Data Loading: I imported the dataset using Pandas, ensuring the data was read correctly.**

**Data Cleaning: I handled missing values and irrelevant columns to prepare the data for analysis.**

**Data Visualization:**

* **Bar Graph: Created a bar graph to represent the population of each state, providing a clear comparison.**
* **Histogram: Implemented a histogram to visualize the distribution of populations across different states, enhancing understanding of data spread.**

**Conclusion**

**This project enhanced my skills in data analysis and visualization using Python libraries like Pandas and Seaborn. It provided me with practical experience in handling real-world datasets, which I can apply to future projects.  
  
Thankyou..!**