

🌍 Task 01: Population Data Visualization – Credora Internship

This project is part of my Data Science Internship at **Credora**, focused on visualizing and analyzing global population data using real-world datasets from the World Bank.

📁 Dataset Used:-

- * `API_SP.POP.TOTL_DS2_en_csv_v2_85220.csv`: Total population per country/year
- * `Metadata_Country_API_SP.POP.TOTL_DS2_en_csv_v2_85220.csv`: Region & income metadata
- * `Metadata_Indicator_API_SP.POP.TOTL_DS2_en_csv_v2_85220.csv`: Indicator description

✅ Tasks Completed:-

- * Data cleaning and preprocessing
- * Visualizations:-
 - * Bar Chart – Population by region
 - * Histogram – Distribution of country population
 - * Line Chart – Growth of selected countries over years
 - * Choropleth Map – World map by population

📊 Libraries Used:-

- * `pandas`
- * `matplotlib`

* `seaborn`

* `plotly.express`

Outputs

All visualizations are saved in
`/outputs/` folder:

* `bar_chart.png`

* `histogram.png`

* `line_chart.png`

* `choropleth_map.html`

Insights:-

- * Asia holds the majority of the global population.
- * Countries like India and China dominate population figures.
- * Population distributions are heavily skewed; a few countries have very high numbers.

Report:-

The full report of insights and visualizations is included in

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Live Notebook:-

You can try the notebook live on Google Colab [\[\[here\]](#)

 Google Colab

Author:-

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