

## **Key Finding of Exploratory Data Analysis.**

- 1.Imported libraries: pandas, seaborn, matplotlib.
- 2.Loaded dataset: world\_population.csv.
3. Set float precision to 2 decimal places.
- 4.Checked dataset info (df.info()), summary stats (df.describe()), null values, and unique counts.

### **Key Analysis or Visualization:**

- 1.**Sorting:** Top 10 countries by *World Population Percentage*.
- 2.**Correlation & Heatmap:** Between numeric columns.
- 3.**Group by Continent:**
  - Average population values per continent (1970–2022).
  - Extracted Oceania separately for inspection.
- 4.**Transpose & Line Plot:** Population trends across decades by continent.
- 5.**Boxplot:** To visualize outliers and spread of numerical columns.
- 6.**Histogram:** Distribution of 2022 Population.
- 7.**Bar plot :** Population by Continent (by 2022 Population).
- 8.**Plot:** Time series of top 5 populated countries.
- 9.**Count plot:** Countries per continent (countplot).