

- **Power BI Files**
 - Main Power BI Dashboard file.
 - Individual report files for specific visualizations (Pie charts, Area charts).
- **Documentation**
 - **# User guide for the dashboard:**
 - **Overview**
 - This dashboard provides insights into global malnutrition trends, focusing on indicators such as overweight, underweight, stunting, and wasting in various income categories between 1983 and 2019.
 - **Key Features**
 - **1. Metrics Displayed**
 - **Average Severe Wasting:** 2.19
 - **Average Stunting:** 29.06
 - **Total Count of Under-Five Population:** 5.71M
 - **Sum of Underweight:** 14.29K
 - **Average Wasting:** 6.96
 - **2. Visualizations**
 - **A. Overweight and Underweight Distribution**
 - **Charts:** Histograms for overweight and underweight distribution segmented by income categories (Low Income & High Income).
 - **Usage:** Review the frequency and distribution of survey samples for overweight and underweight populations.
 - **B. Income Category Analysis**
 - **Scatter Plot:** Displays the relationship between overweight and underweight populations across different income categories.
 - **Usage:** Identify trends and patterns related to malnutrition in high, middle, and low income countries.
 - **C. Survey Sample Analysis**
 - **Donut Chart:** Represents the total survey sample segregated by income category (Lower Middle, Upper Middle, Low).

- **Usage:** Understand the contribution of different income categories to the overall survey results.
- **3. Trend Analysis**
- **Line Graph:** Displays the sum of LD Country categories (LDC, LIFD, LLDC, SID2) and average of stunting across income categories.
- **Usage:** Analyze trends over time to assess the impact of economic factors on malnutrition.
- **Filters**
- Utilize these filters to customize the data presentation:
- **Income Group**
- High Income
- Low Income
- Lower Middle Income
- Upper Middle Income
- **Year:** Select specific years for analysis or choose "All" for a comprehensive overview.
- **Country:** Filter results to specific country data for more targeted insights.
- **Author:** Filter data based on different authors or studies contributing to the dashboard.
- **ISO Code:** Utilize this feature to analyze data based on country codes.
- **Additional Information**
- Ensure to regularly update data parameters to maintain accurate and up-to-date insights.
- Use the visualizations in conjunction with filters to drill down into specific areas of interest or concern.
- For further analysis, consider exporting data points where applicable.
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- **Presentation Materials**
- Slide deck summarizing findings and implications.
- Infographics depicting key trends and statistics.

Data Sets:

- Data Source: Kaggle
- Malnutrition estimate file -
https://drive.google.com/file/d/1Wt1IJaz3KlW3UYnOZPpczJ52atGP04Jr/view?usp=drive_link
- Country wise average file -
https://drive.google.com/file/d/1kGUOLDQ1IEi6HwoTUn20n6mOnZY1_A4o/view?usp=drive_link