

Business Question and Visualization Report

Date	08 October 2025
Team ID	SWUID20250214632
Project Name	Global Malnutrition Trends: A Power BI Analysis (1983-2019)
Maximum Marks	5 Marks

Visualization development refers to the process of creating graphical representations of data to facilitate understanding, analysis, and decision-making. The goal is to transform complex datasets into visual formats that are easy to interpret, enabling users to gain insights and make informed decisions. Visualization development involves selecting appropriate visual elements, designing layouts, and using interactive features to enhance the user experience. This process is commonly associated with data visualization tools and platforms, and it plays a crucial role in business intelligence, analytics, and reporting.

Business Questions and Visualisation

The process involves defining specific business questions to guide the creation of meaningful and actionable visualizations in Power BI. Well-framed questions help in identifying key metrics, selecting relevant data, and building visualisation that provide insights.

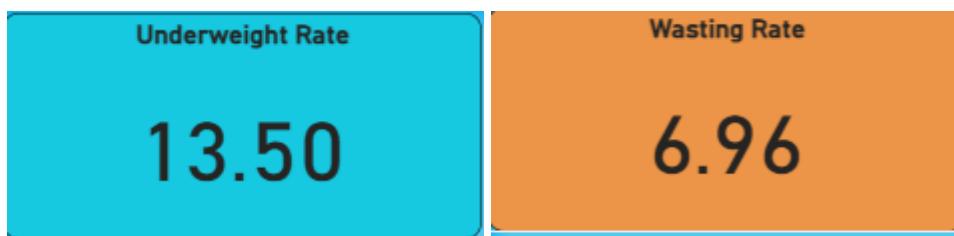
1. What is the current global average stunting rate among children?

Visualization : Representing the Average stunting rate



2. How do the underweight and wasting rates compare to stunting globally?

Visualization : Showing Underweight and Wasting Rates



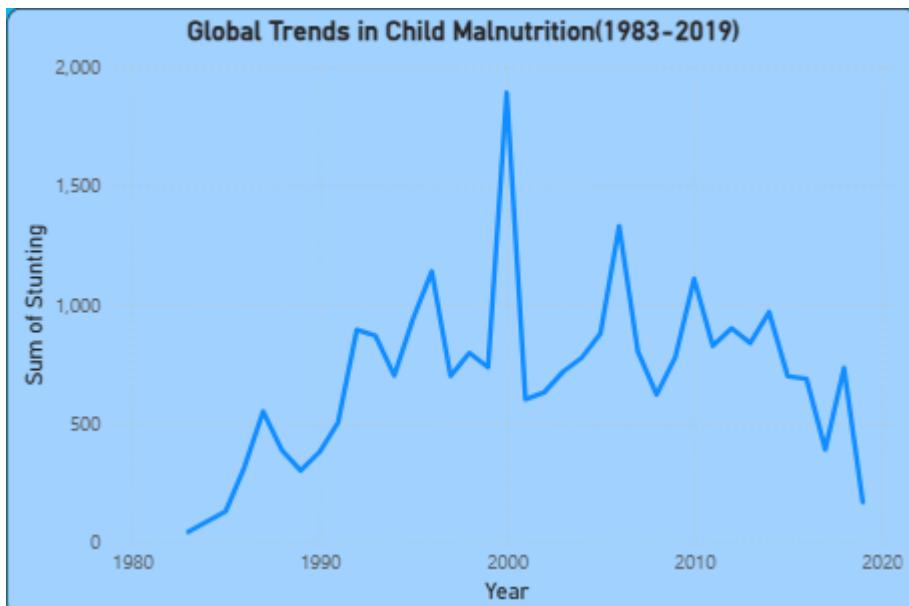
3. Which regions or continents have the highest concentration of stunting?

Visualization : Map represents the regions with highest concentration of stunting



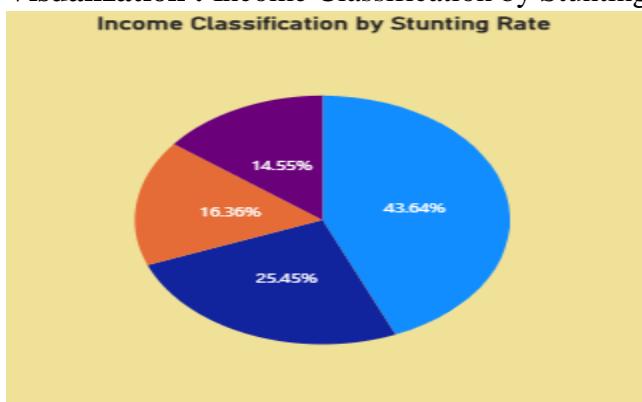
4. How have stunting trends evolved over time in specific countries?

Visualization : Stunting trends over year



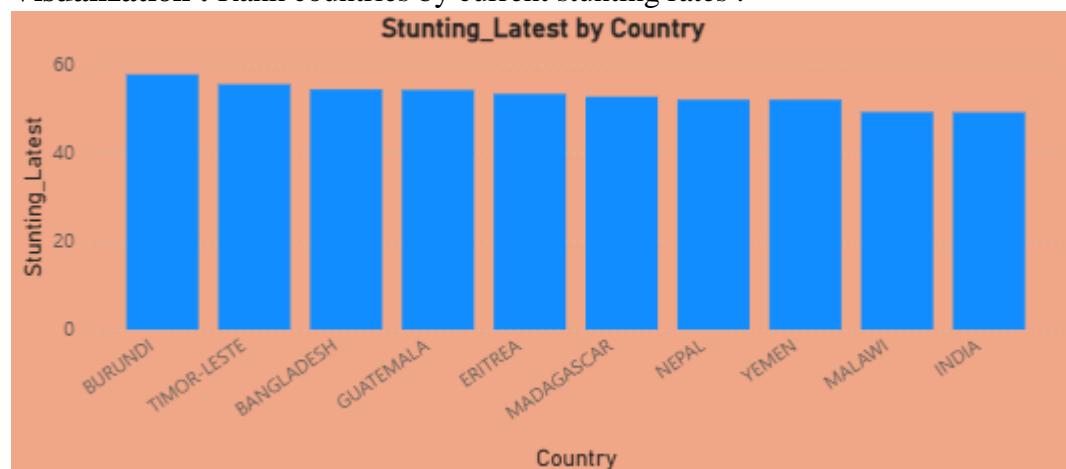
5. How does income classification (low, middle, high income) relate to child stunting rates?

Visualization : Income Classification by Stunting Rate



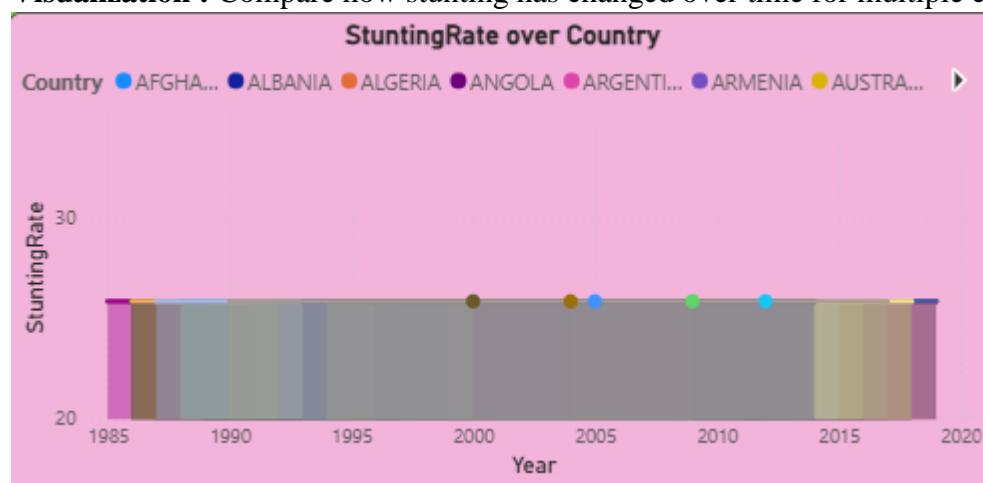
6. Which countries currently have the highest and lowest stunting rates?

Visualization : Rank countries by current stunting rates .



7. Which countries have shown a consistent decline or increase in stunting rates over time?

Visualization : Compare how stunting has changed over time for multiple countries.



8. Which economic group (LDC, LIFD, or LLDC) contributes the largest share of global stunting ?

Visualization : Show contribution of different economic groups to overall stunting.

