

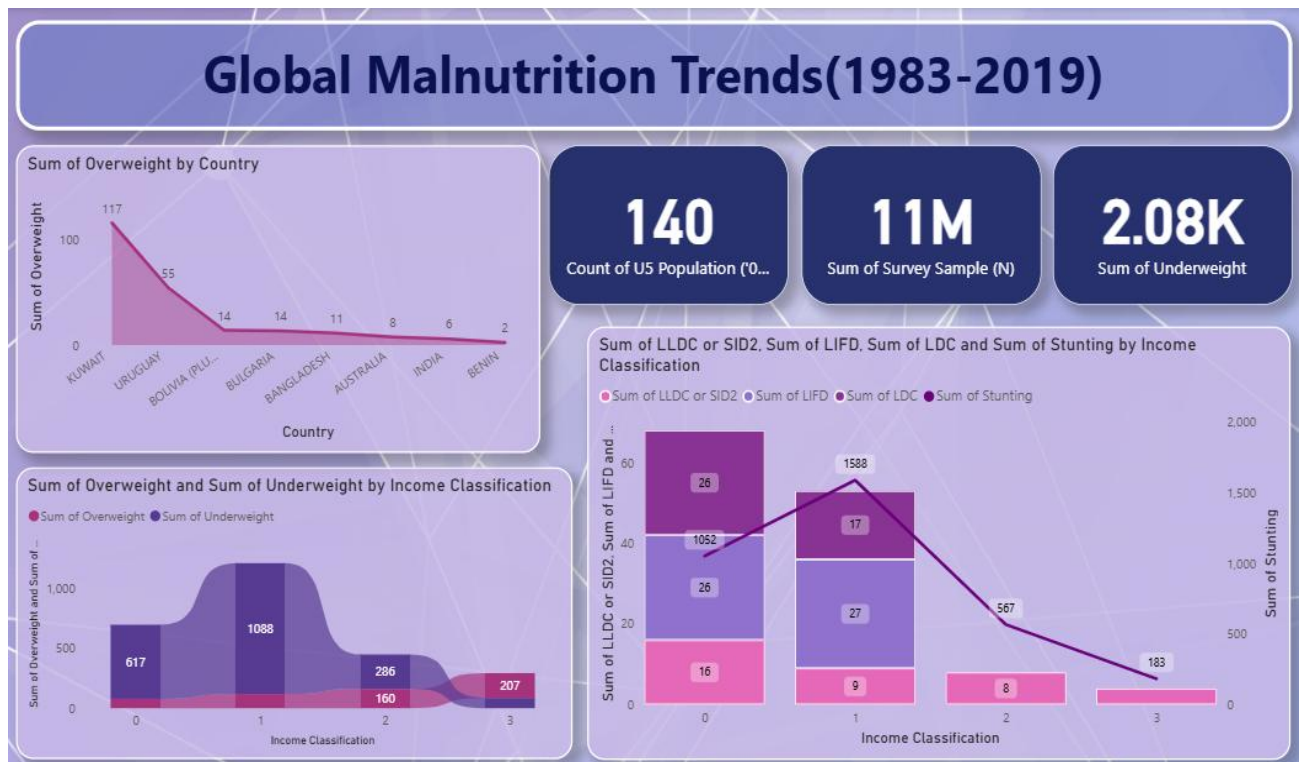
# Dashboard Design

Date	03 October 2025
Team ID	PNT2025TMIDxxxxxx
Project Name	<b>Global Malnutrition Trends: A Power BI Analysis</b>
Maximum Marks	5 Marks

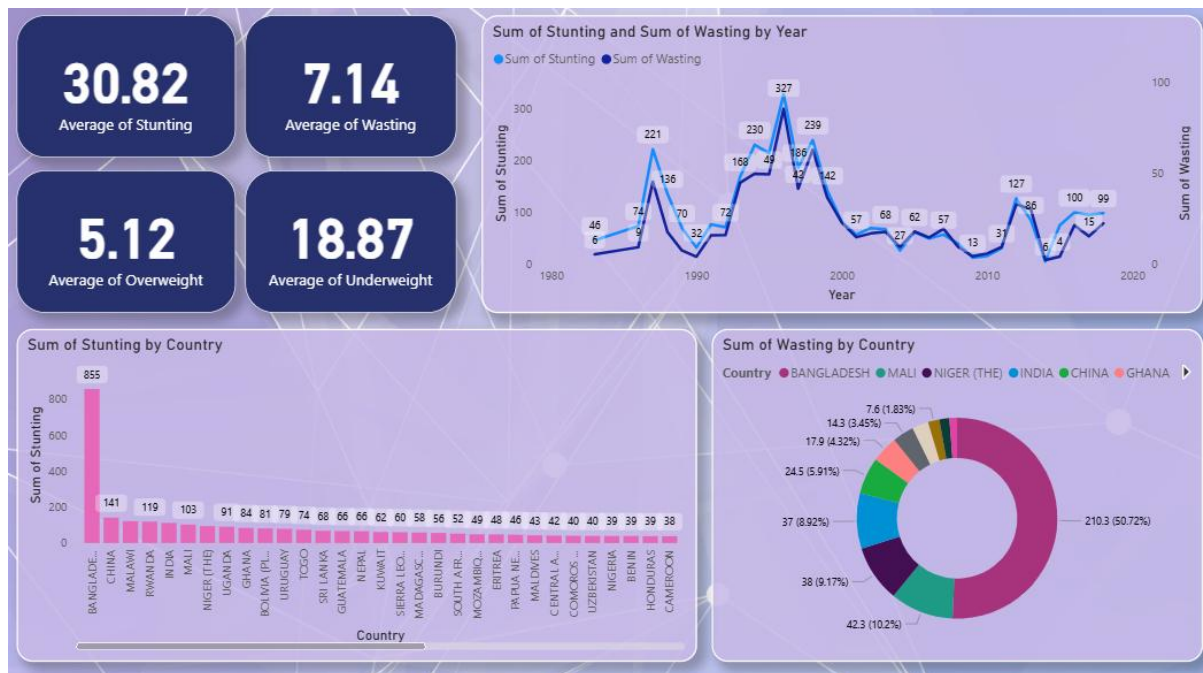
## Activity 1: Interactive and visually appealing dashboards

Creating interactive and visually appealing dashboards involves a combination of thoughtful design, effective use of visual elements, and the incorporation of interactive features.

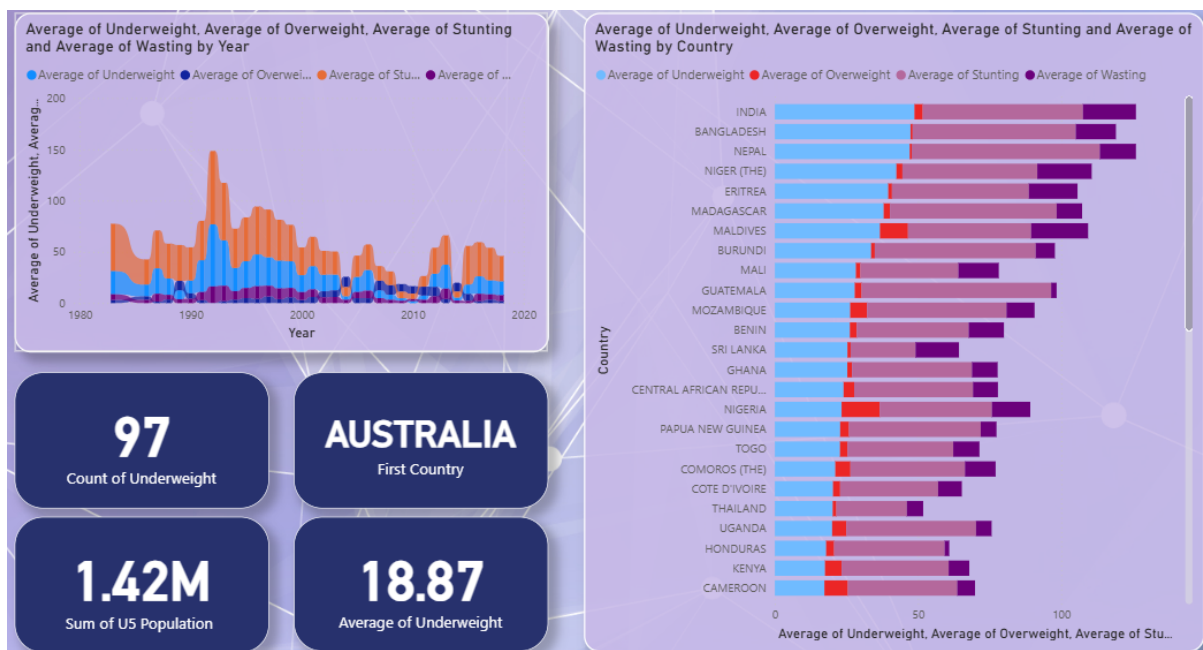
### Dashboard 1:



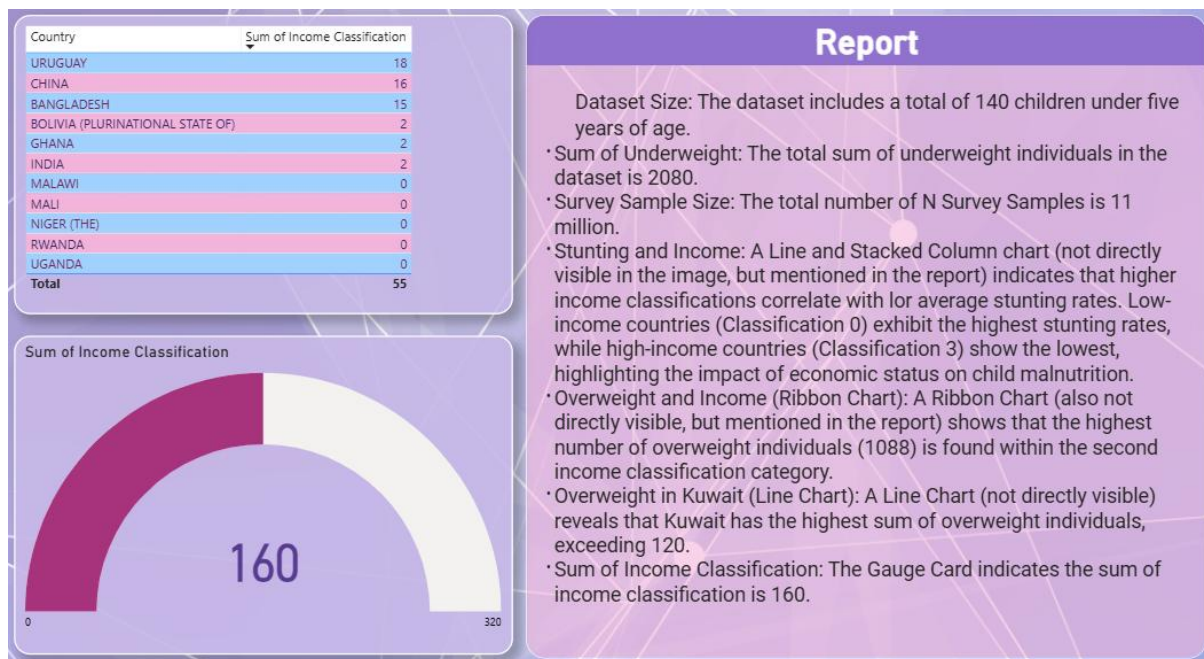
## Dashboard 2:



## Dashboard 3:



## Dashboard 4:



## Dashboard 1 Analysis

This dashboard provides a high-level overview of four key malnutrition indicators, comparing them over time and across different countries.

### KPIs / Cards

- Count of Underweight: Displays the total count of records classified as underweight (**Value: 97**).
- Sum of US Population: Displays the total sum of the '**U5 Population**' metric (**Value: 1.42M**).
- Average of Underweight: Shows the calculated average for the underweight metric (**Value: 18.87**).

### Charts & Visuals

\* Chart 1: **Average of Underweight, Average of Overweight, Average of Stunting and Average of Wasting by Year**

\* Description: This area chart shows the trends of four malnutrition indicators from 1980 to 2020.

\* Chart 2: **Average of Underweight, Average of Overweight, Average of Stunting and Average of Wasting by Country**

\* Description: This stacked bar chart compares the composition of the four malnutrition indicators across multiple countries.

## Dashboard 2 Analysis (Global Malnutrition Trends 1983-2019)

This dashboard focuses on the relationship between overweight/underweight status and income classification, as well as country-specific data.

### KPIs / Cards

- **Count of US Population (0...):** Displays a count related to the dataset (**Value: 140**).
- **Sum of Survey Sample (N):** Shows the total number of individuals in the survey sample (**Value: 11M**).
- **Sum of Underweight:** Displays the total number of underweight individuals recorded (**Value: 2.08K**).

### Charts & Visuals

- **Chart 1: Sum of Overweight by Country**  
Description: This area chart highlights the total number of overweight individuals per country, with Kuwait showing the highest value.
- **Chart 2: Sum of Overweight and Sum of Underweight by Income Classification**  
Description: This ribbon chart compares the distribution of overweight versus underweight cases across different income levels.
- **Chart 3: Sum of LLDC or SID2... and Sum of Stunting by Income Classification**  
Description: This combination chart shows the breakdown of economic classifications (columns) and the trend of stunting (line) across income levels.

## Dashboard 3 Analysis

This dashboard provides a more detailed look at the 'Stunting' and 'Wasting' malnutrition indicators.

### KPIs / Cards

- **Average of Stunting:** Shows the average value for stunting (**Value: 30.82**).
- **Average of Wasting:** Shows the average value for wasting (**Value: 7.14**).
- **Average of Overweight:** Shows the average value for overweight (**Value: 5.12**).
- **Average of Underweight:** Shows the average value for underweight (**Value: 18.87**).

### Charts & Visuals

- **Chart 1: Sum of Stunting and Sum of Wasting by Year**  
Description: This dual-axis line chart tracks and compares the total sum of stunting and wasting cases over the years.
- **Chart 2: Sum of Stunting by Country**  
Description: This bar chart ranks countries based on the total number of stunting cases, with Bangladesh having the highest.
- **Chart 3: Sum of Wasting by Country**

Description: This donut chart shows the percentage breakdown of wasting cases by country.

## Dashboard 4 Analysis (Report)

This page acts as a summary or a detailed report page, providing textual insights and specific filtered data.

### KPIs / Cards

- Gauge Card: Sum of Income Classification
- Contains: A visual gauge indicating the total sum of income classifications, showing a value of **160** out of a possible **320**.

#### Charts & Visuals

- Visual 1: Table (Country, Sum of Income Classification)  
Description: A table that lists countries and their corresponding sum for income classification.
- Visual 2: Report (Text Box)  
Description: A text box that summarizes the key findings from the entire analysis, such as the total dataset size, sample size, and correlations between income and malnutrition metrics. It also references insights from other charts.