Global Malnutrition Trends: A Power BI Analysis (1983-2019)

CHAPTER-5

DASHBOARD

Date	10-10-2025
Project Name	Global Malnutrition Trends: A Power BI Analysis (1983-2019)

5.1 Dashboard Design File

A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data and are typically designed for a specific purpose or use case. Dashboards can be used in a variety of settings, such as business, finance, manufacturing, healthcare, and many other industries. They can be used to track key performance indicators (KPIs), monitor performance metrics, and display data in the form of charts, graphs, and tables.

To Create a Dashboard:

In Dashboards, we have created a Title box, a Stacked Area chart, a Line and Stacked column chart, a Ribbon chart.

1. To create a title box- go to home tab -> click on text box -> select and drag the text box -> Enter the title GLOBAL MALNUTRITION TRENDS (1983 – 2019)
2. Next, create three cards:

   The first card displays the country-wise average of U5 population. The second card shows the sum of survey samples of malnutrition estimates. The third card shows the total of underweight malnutrition estimates.
3. For the Stacked Area chart:

   Place Country in the x-axis and the sum of overweight in the y-axis. Filter the countries of Kuwait, China, Seychelles, Maldives, Colombia, Senegal, and Madagascar.

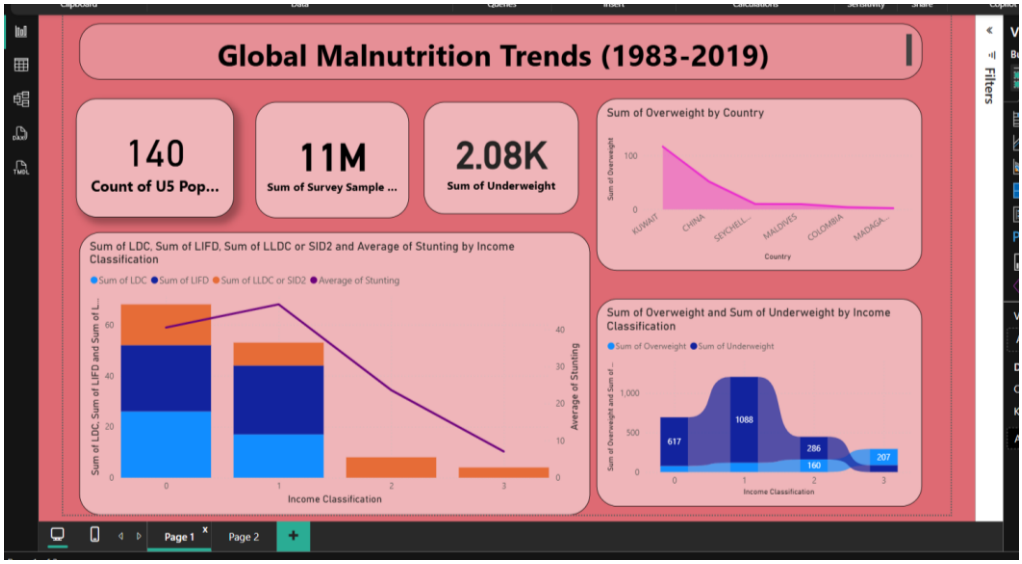
   Now format it using the format visual to change the color of the background, text, and title.
4. For the Line and stacked column chart:

   Place the Income Classification in the X-axis, and place Sum of LDC, Sum of LIFD, Sum of LLDC or SID2 in the Y-axis.

   Place the Average area of Stunting in Line Y-axis.

Now format it using the format visual to change the color of the background, text, and title.

Here, select the Legend in format visual, which determines the color of the graph.



For the Ribbon chart:

Place the Income Classification in the X-axis of malnutrition estimates, and place Sum of Overweight and Sum of Underweight in the Y-axis.

Measures are the Quantitative data that represent the numerical data.

Now format it using the format visual to change the color of the background, text, and title. Place the Data labels on to show the values in the ribbon chart.

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