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

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

4.2 Developing Visualizations:

1. Count of U5 Population:

- Go to Report view (paint roller icon).
- Click Card visual from the Visualizations pane.
- Drag U5 Population ('000s) from your dataset into Values.
- Change aggregation → click the drop-down → choose Count.
- Title: "Count of U5 Population ('000s)".

2. Sum of Survey Sample (N):

- Duplicate the first card or insert a new Card visual.
- Drag Survey Sample (N) to Values.
- Aggregation: Sum.
- Format and title, it as "Sum of Survey Sample (N)".

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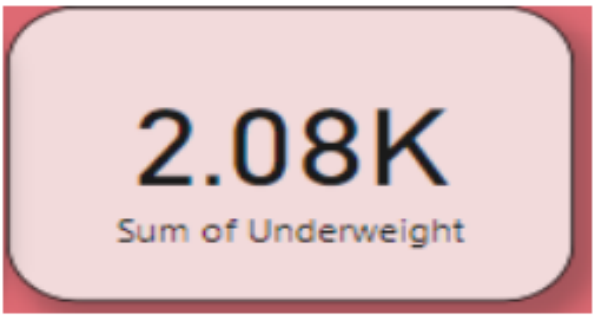
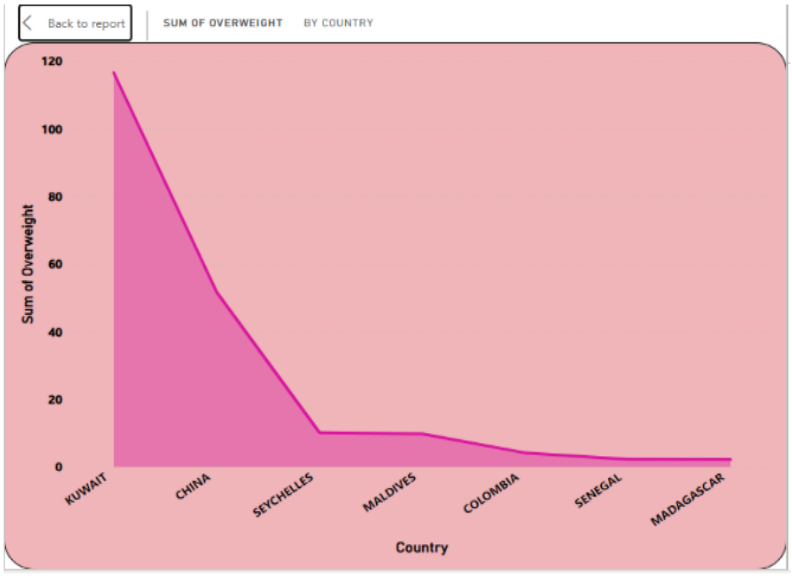
3. Sum of Underweight:

- Add another Card visual.
- Drag Underweight field into Values.
- Aggregation: Sum.
- Title: “Sum of Underweight”.



4. Line Chart – Sum of Overweight by Country

- Click on Line Chart visual.
- Drag Country to the X-axis.
- Drag Overweight to the Y-axis (Values).
- Aggregation: Sum.
- Title: “Sum of Overweight by Country”.



5. Combo Chart – LDC/LIFD/LLDC/SID2 vs Average Stunting:

- This visual compare multiple sums and an average together.
- Select Combo Chart (Clustered Column and Line chart icon).
- Drag Income Classification to the X-axis.
- Drag the following fields to Column values:
    - LDC
    - LIFD
    - LLDC or SID2 (as per your dataset)
- Drag Stunting to the Line values.
- Aggregations:
    - LDC/LIFD/LLDC/SID2 → Sum
    - Stunting → Average.

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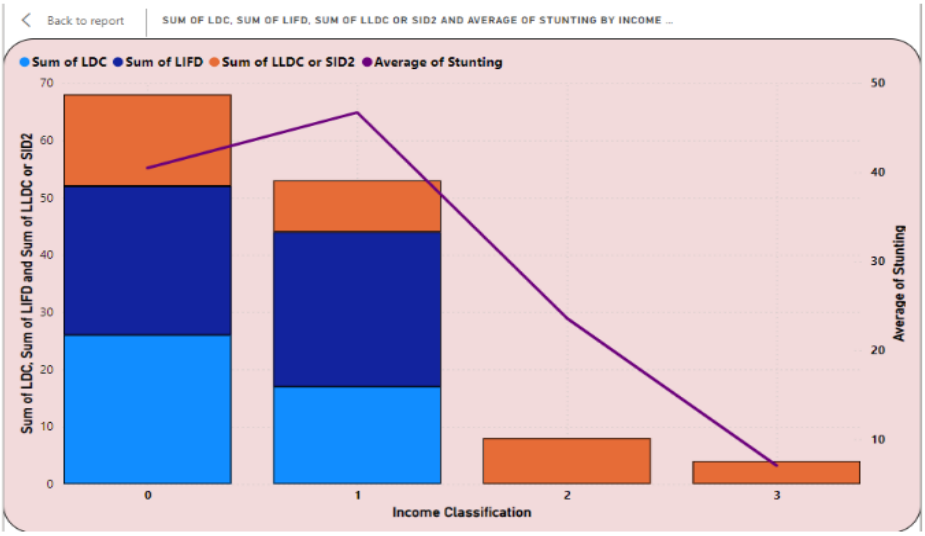
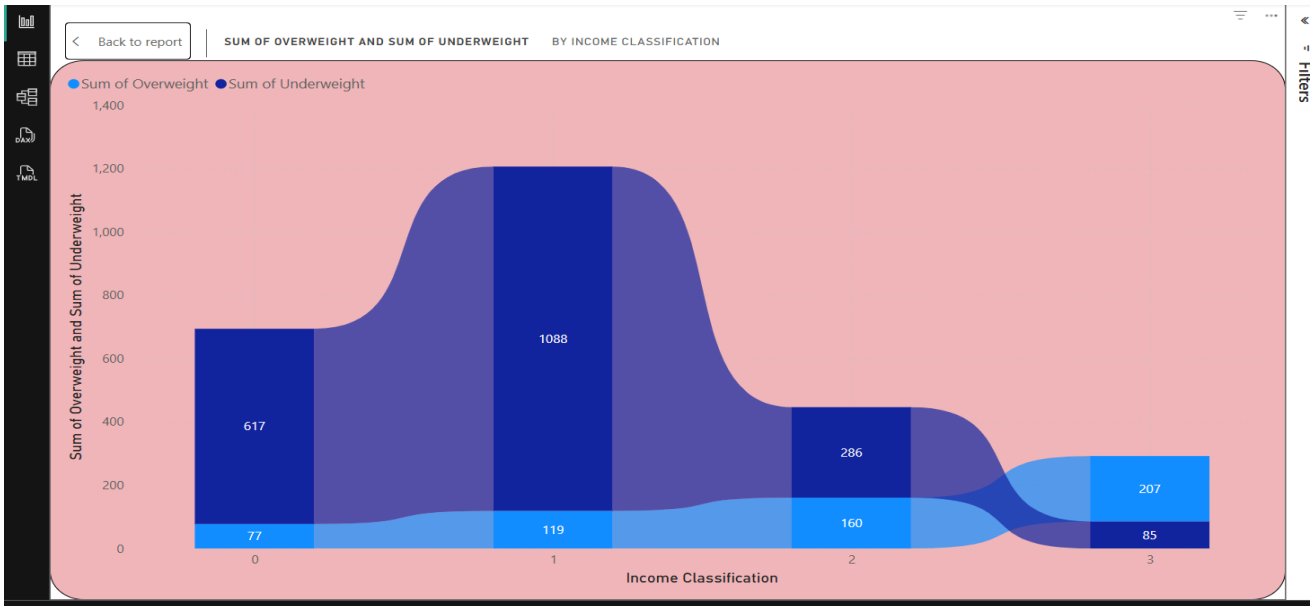


6. Area Chart – Overweight vs Underweight by Income Classification

- Select Area Chart from the Visualizations pane.
- Drag Income Classification to the X-axis.
- Drag Overweight and Underweight to Y-axis (Values).
- Aggregation: Sum.
- Title: "Sum of Overweight and Sum of Underweight by Income Classification".



7. Add the Gauge Visual:

- Go to Report View (paint roller icon).
- From the Visualizations pane, select the Gauge icon (it looks like a speedometer).
- Drag Total Income Classification measure into the Value field well.