
GLOBAL MALNUTRITION TRENDS

Power BI Dashboard Project Report

Submitted To : Smart Bridge Skill Wallet Internship

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Introduction

- This project focuses on analyzing global malnutrition data using Power BI.
- It visualizes trends in undernourishment across different countries from 1983 to 2019.
- The goal was to gain insights into global patterns and enable easier understanding through interactive visualizations.

2. Objective

- Analyze global malnutrition trends over time
- Visualize affected regions using clear, interactive charts.
- Help identify improvements and high-burden countries.
- Develop skills in Power BI dashboard creation.

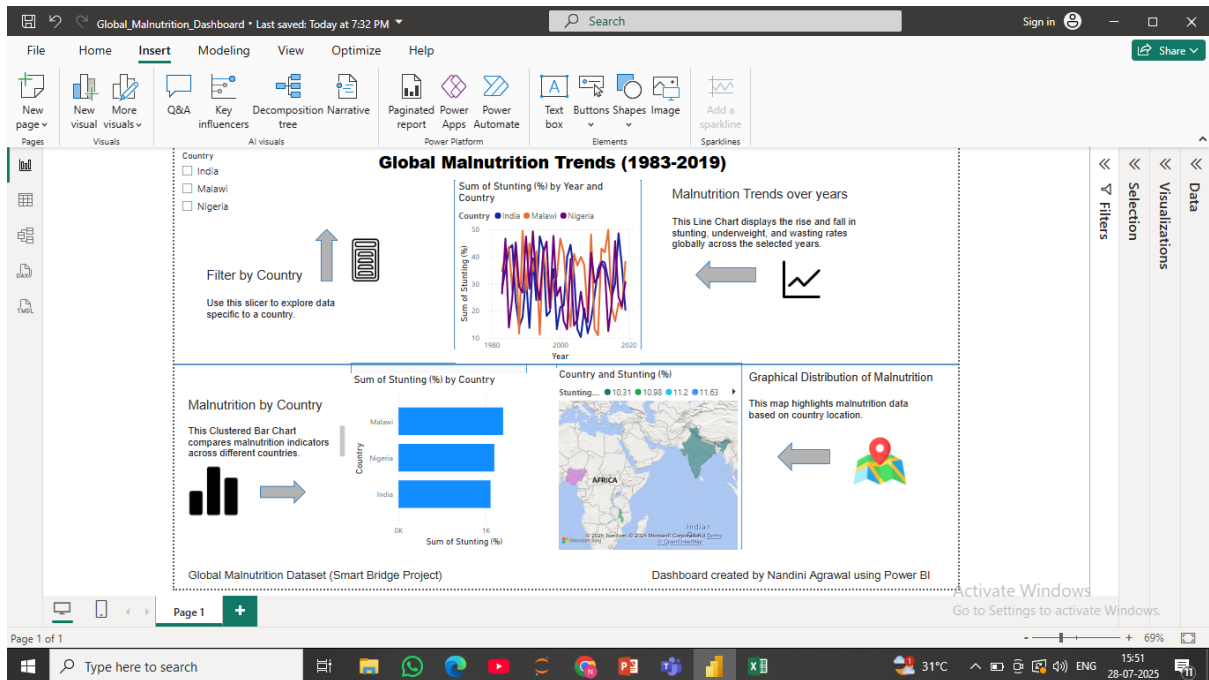
3. Tools Used

- Power BI: for creating charts, maps, and dashboards
- Microsoft Excel: for preparing and cleaning CSV data
- GitHub: for publishing the final project and documentation

4. Data Insights & Analysis

- Malnutrition declined globally from 1983-2019, but unevenly
- Countries like China and Brazil showed strong improvements
- African and South Asian nations still face high rates
- Visualizations: line chart, bar chart, map, slicer
- Dataset cleaned, transformed, and visualized in Power BI

5. Dashboard Snapshot



6. Challenges Faced

- Faced textbox formatting issues in Power BI
- Difficulty aligning visuals and background
- Dataset had incorrect years initially (2015-2020); updated to 1983-2019
- Solved each issue step-by-step using Power BI tools and guidance

7. Conclusion

- The project gave a deep understanding of real-world data visualization.
- It helped develop dashboard-building skills, problem-solving techniques, and storytelling through data.
- The final dashboard provides a clean, insightful overview of global malnutrition trends.