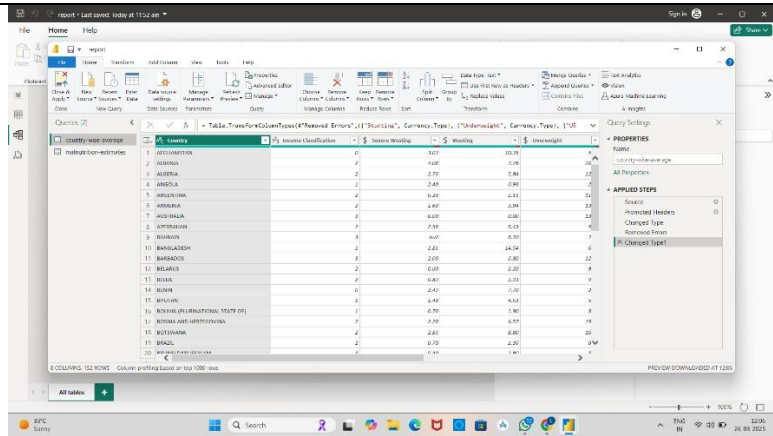
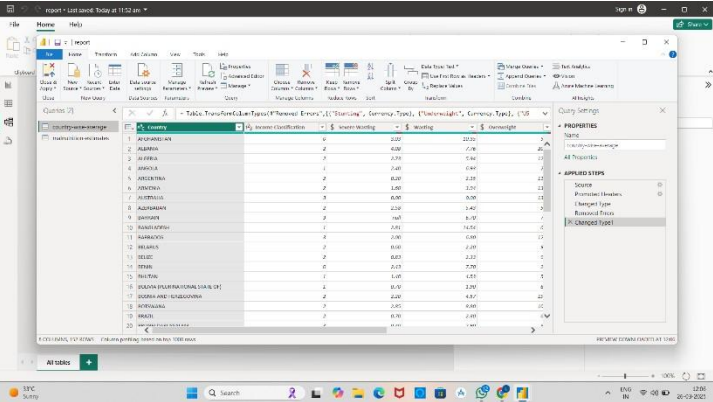


Project Development Phase Model Performance Test

Date	24 March 2025
Team ID	PNT2025TMID06810
Project Name	Global Malnutrition Trends: A Power BI Analysis (1983-2019)
Maximum Marks	

Model Performance Testing

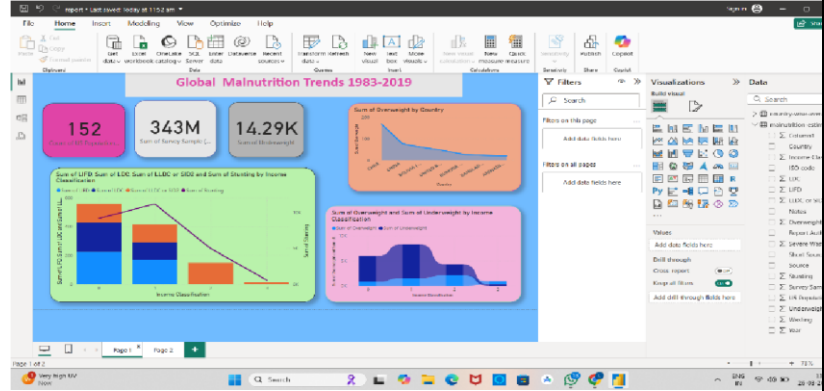
S.No.	Parameter	Screenshot / Values
1.	Data Rendered	 <p>The screenshot displays a Power BI Desktop window with a data table. The table has the following columns: Country, Income Classification, Service Waiting, Waiting, and Unemployment. The data is sorted by Country. The table contains 20 rows of data, representing different countries and their respective values for the specified metrics.</p>
2.	Data Preprocessing	 <p>The screenshot shows the same Power BI Desktop window with the same data table. The 'Waiting' column is highlighted, indicating a preprocessing step. The table structure and data are identical to the first screenshot.</p>

3.	Utilization of Data Filters	<div><div>Filters</div><div><div><div><div></div></div><div>Search</div></div></div><div><div>Filters on this visual</div><div>...</div><div><div>Income Classification</div><div>is (All)</div></div><div><div>Sum of Overweight</div><div>is (All)</div></div><div><div>Sum of Underweight</div><div>is (All)</div></div></div></div>
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4.	DAX Queries Used	<p>1. Total Malnourished Population Over Time TotalMalnourished = SUM('MalnutritionData'[Malnourished_Population])</p> <p>2. Malnutrition Rate (%) by Country MalnutritionRate = DIVIDE(SUM('MalnutritionData'[Malnourished_Population]), SUM('MalnutritionData'[Total_Population]), 0) * 100</p> <p>3. Moving Average for Malnutrition Rate (5-Year) Malnutrition_MA5 = AVERAGEX(DATESINPERIOD('MalnutritionData'[Year], MAX('MalnutritionData'[Year]), -5, YEAR), [MalnutritionRate])</p> <p>4. Top 5 Most Affected Countries in a Given Year Top5Countries = TOPN(5, SUMMARIZE('MalnutritionData', 'MalnutritionData'[Country], "MalnutritionRate", [MalnutritionRate]), [MalnutritionRate], DESC)</p>

5. Dashboard design

No of Visualizations / Graphs –



6 Report Design

No of Visualizations / Graphs –

