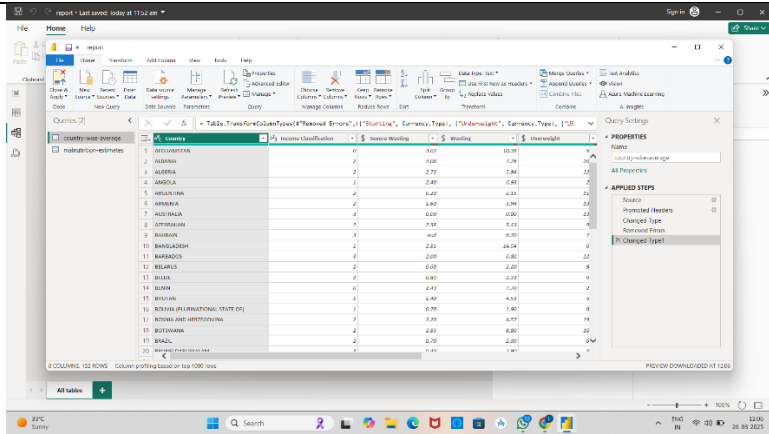
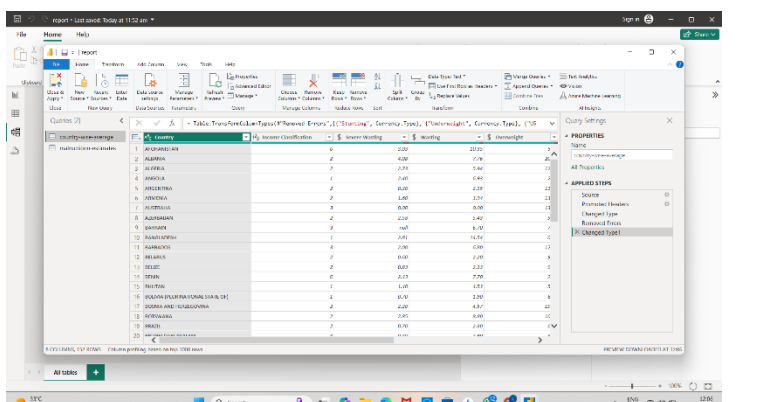
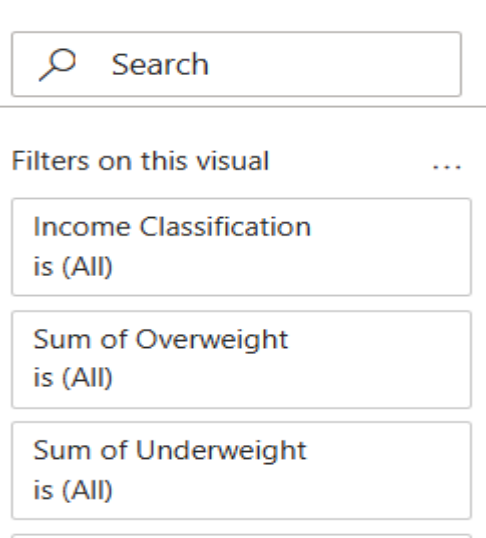


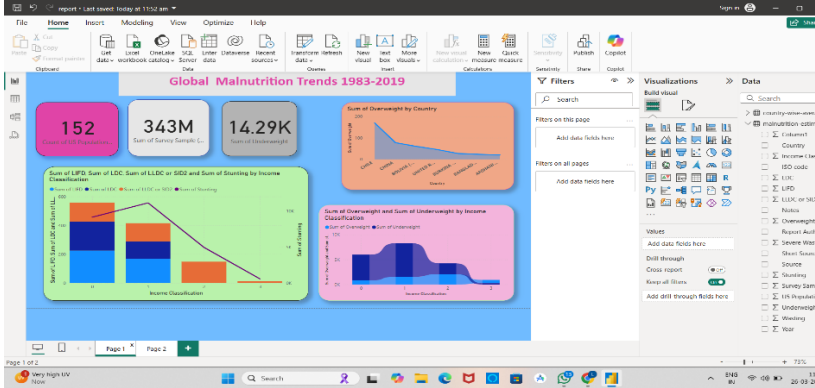
Project Development Phase Model Performance Test

Date	24 March 2025
Team ID	PNT2025TMID06847
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, Score, Weighting, and Overweight. The data is as follows:</p> <table><thead><tr><th>Country</th><th>Income Classification</th><th>Score</th><th>Weighting</th><th>Overweight</th></tr></thead><tbody><tr><td>1. ARGENTINA</td><td>1</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>2. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>3. ALGERIA</td><td>2</td><td>2.75</td><td>2.88</td><td>12</td></tr><tr><td>4. ANGOLA</td><td>2</td><td>2.40</td><td>2.40</td><td>7</td></tr><tr><td>5. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>6. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>7. ALGERIA</td><td>2</td><td>2.75</td><td>2.88</td><td>12</td></tr><tr><td>8. ANGOLA</td><td>2</td><td>2.40</td><td>2.40</td><td>7</td></tr><tr><td>9. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>10. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>11. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>12. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>13. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>14. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>15. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>16. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>17. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>18. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr><tr><td>19. ARGENTINA</td><td>2</td><td>6.00</td><td>0.00</td><td>5</td></tr><tr><td>20. ALBANIA</td><td>2</td><td>4.00</td><td>1.76</td><td>26</td></tr></tbody></table>	Country	Income Classification	Score	Weighting	Overweight	1. ARGENTINA	1	6.00	0.00	5	2. ALBANIA	2	4.00	1.76	26	3. ALGERIA	2	2.75	2.88	12	4. ANGOLA	2	2.40	2.40	7	5. ARGENTINA	2	6.00	0.00	5	6. ALBANIA	2	4.00	1.76	26	7. ALGERIA	2	2.75	2.88	12	8. ANGOLA	2	2.40	2.40	7	9. ARGENTINA	2	6.00	0.00	5	10. ALBANIA	2	4.00	1.76	26	11. ARGENTINA	2	6.00	0.00	5	12. ALBANIA	2	4.00	1.76	26	13. ARGENTINA	2	6.00	0.00	5	14. ALBANIA	2	4.00	1.76	26	15. ARGENTINA	2	6.00	0.00	5	16. ALBANIA	2	4.00	1.76	26	17. ARGENTINA	2	6.00	0.00	5	18. ALBANIA	2	4.00	1.76	26	19. ARGENTINA	2	6.00	0.00	5	20. ALBANIA	2	4.00	1.76	26
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2.	Data Preprocessing	 <p>The screenshot shows the same data table as above, but with the 'Overweight' column highlighted in the 'APPLIED STEPS' pane. This indicates that a data transformation step has been applied to the 'Overweight' column.</p>																																																																																																									

3.	Utilization of Data Filters	 <p>The screenshot shows the 'Filters' pane in Power BI. At the top is a search bar with a magnifying glass icon and the text 'Search'. Below it is the section 'Filters on this visual' with a three-dot menu icon. There are three filter cards listed: 'Income Classification is (All)', 'Sum of Overweight is (All)', and 'Sum of Underweight is (All)'.</p>
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]),</p>

		[MalnutritionRate], DESC)
5.	Dashboard design	No of Visualizations / Graphs – 
6	Report Design	No of Visualizations / Graphs – 