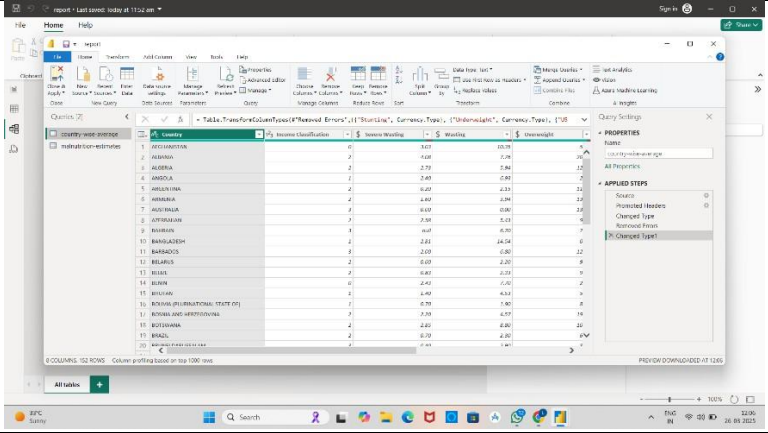
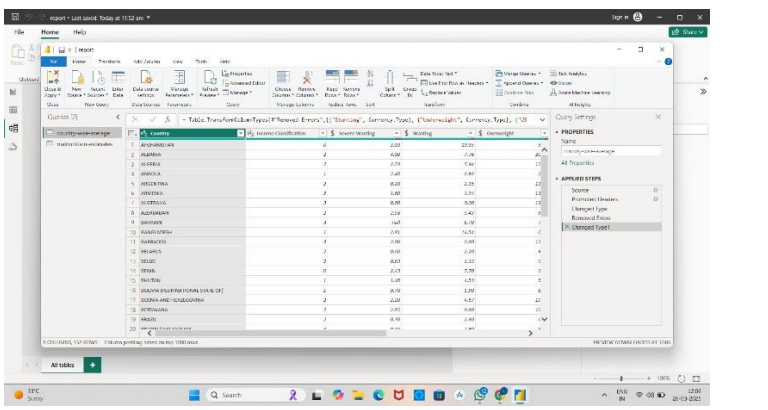
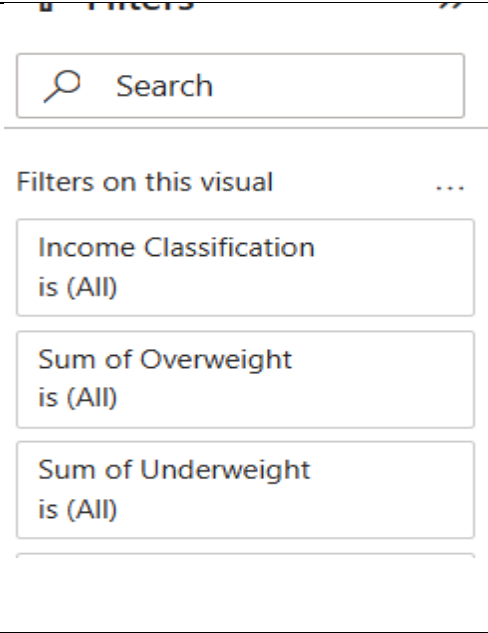


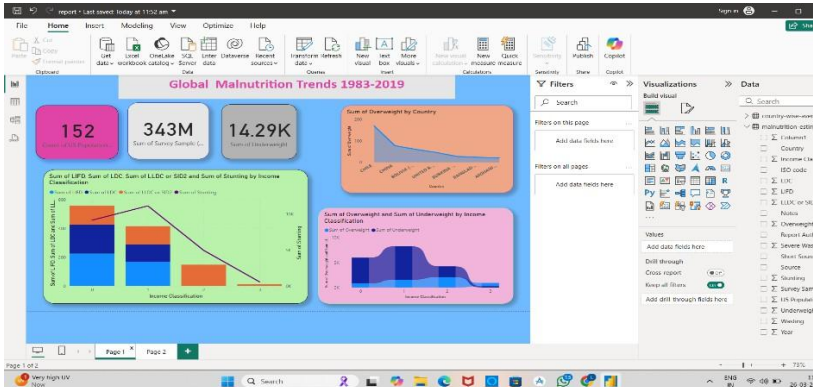
Project Development Phase Model Performance Test

Date	24 March 2025
Team ID	PNT2025TMID07094
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 shows a Power BI Desktop window with a table named 'Table.TransformColumns.Transform.Erros'. The table contains data for 20 countries, including Afghanistan, Albania, Algeria, Angola, Argentina, Australia, Austria, Azerbaijan, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Benin, Bolivia, Botswana, Brazil, Bulgaria, Cambodia, and Canada. The columns are 'Country', 'Prevalence of Malnutrition', and 'Weighted Average'. The data is sorted by 'Prevalence of Malnutrition' in descending order.</p>
2.	Data Preprocessing	 <p>The screenshot shows the same Power BI Desktop window with the same table. The 'Prevalence of Malnutrition' column is highlighted in blue, indicating it is selected for preprocessing. The table structure and data are identical to the previous screenshot.</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 word 'Search'. Below it, the section 'Filters on this visual' is followed by three filter cards. The first card is 'Income Classification is (All)', the second is 'Sum of Overweight is (All)', and the third is 'Sum of Underweight is (All)'. Each card has a small 'x' icon in the top right corner.</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 – 