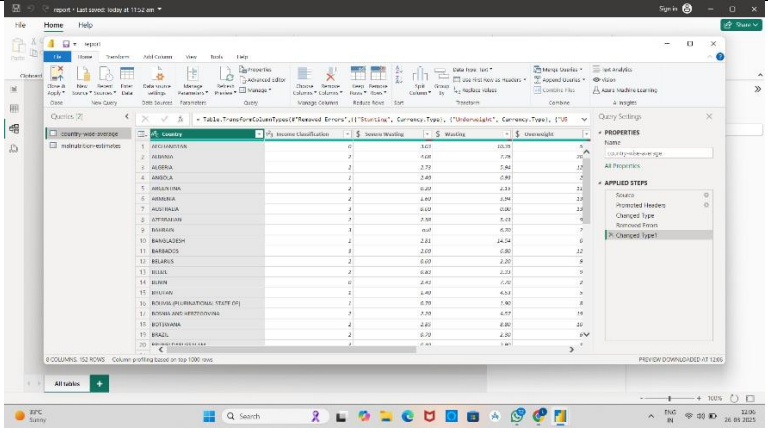
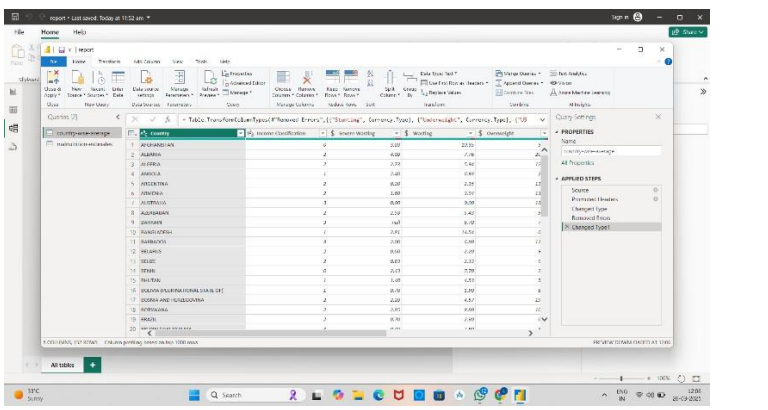
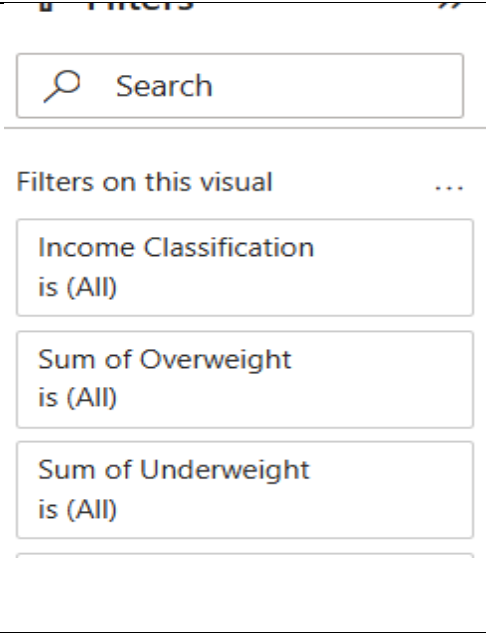


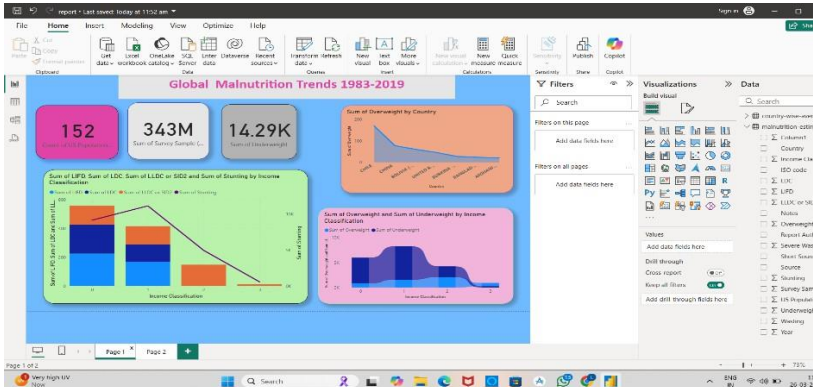
Project Development Phase Model Performance Test

Date	24 March 2025
Team ID	PNT2025TMID06731
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 table titled 'Table.TransformColumns.Transform.Erros'. The table contains data for various countries and regions, including Africa, Asia, Europe, and North America. The columns are Country, Region Classification, Region, Year, and Prevalence. The data is sorted by Year in descending order, showing values from 2019 down to 1983.</p>
2.	Data Preprocessing	 <p>The screenshot displays the same Power BI Desktop window as above, but with the 'Prevalence' column highlighted in blue, indicating it is selected for preprocessing.</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 to its right. 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 – 