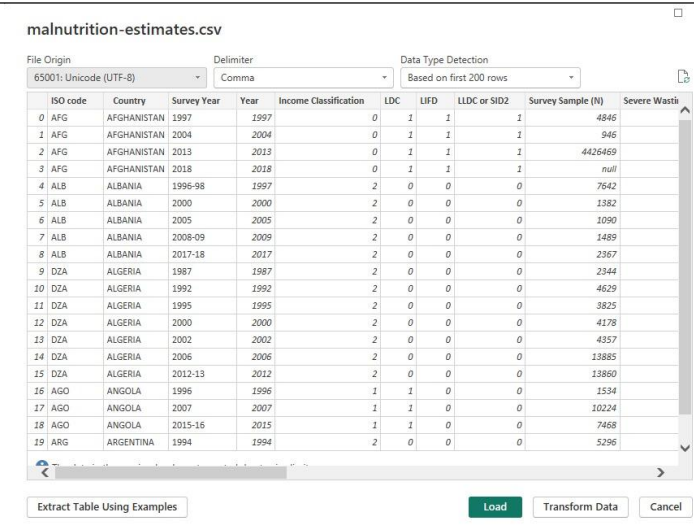


Project Development Phase Model Performance Test

Date	3 March 2025
Team ID	LTVIP2025TMID27587
Project Name	Global Malnutrition Trends: A Power BI Analysis (1983-2019)
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No	Parameter	Screenshot / Values
1.	Data Rendered	 <p>The screenshot displays the Power BI Desktop interface with the 'malnutrition-estimates.csv' data source loaded. The Data pane on the right shows the table structure with columns: ISO code, Country, Survey Year, Year, Income Classification, LDC, LFD, LLDC or SID2, Survey Sample (N), and Severe Wasting. The table contains data for various countries, including Afghanistan, Albania, Algeria, Angola, and Argentina, with rows numbered 0 to 19. The 'Survey Sample (N)' column shows values ranging from 4846 to 5296. The 'Severe Wasting' column shows values ranging from 946 to 5296. The 'Income Classification' column shows values ranging from 0 to 2. The 'LDC' column shows values ranging from 0 to 2. The 'LFD' column shows values ranging from 0 to 1. The 'LLDC or SID2' column shows values ranging from 0 to 1. The 'Survey Year' column shows values ranging from 1987 to 2017. The 'Year' column shows values ranging from 1983 to 2019. The 'Country' column shows values ranging from AFG to ARG. The 'ISO code' column shows values ranging from 0 to 19.</p>

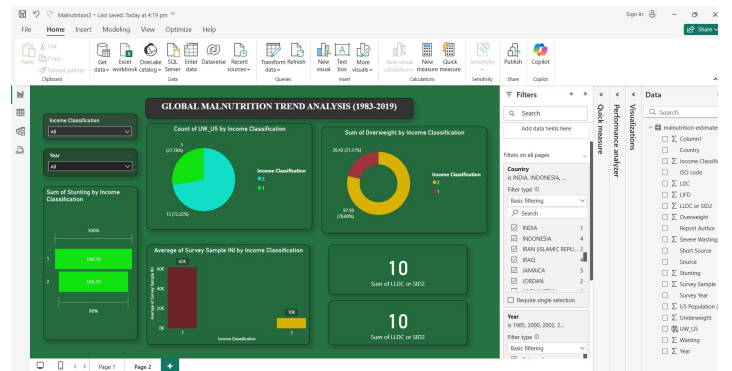
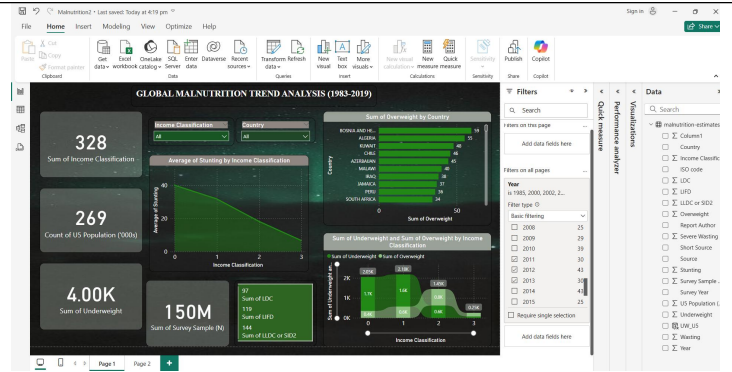
2. Data Preprocessing

[illegible][illegible][illegible]

The screenshot displays the Microsoft Power Query Editor interface. The main area shows a data table with the following columns: Date, Type, Occurrence Number, and Replace Values. The table contains 20 rows of data. The interface includes a ribbon with tabs like Home, Transform, and Add Columns, and a sidebar with the Query Settings pane.

	Date	Type	Occurrence Number	Replace Values
1	1/1/2018	1	1	1
2	1/1/2018	1	2	2
3	1/1/2018	1	3	3
4	1/1/2018	1	4	4
5	1/1/2018	1	5	5
6	1/1/2018	1	6	6
7	1/1/2018	1	7	7
8	1/1/2018	1	8	8
9	1/1/2018	1	9	9
10	1/1/2018	1	10	10
11	1/1/2018	1	11	11
12	1/1/2018	1	12	12
13	1/1/2018	1	13	13
14	1/1/2018	1	14	14
15	1/1/2018	1	15	15
16	1/1/2018	1	16	16
17	1/1/2018	1	17	17
18	1/1/2018	1	18	18
19	1/1/2018	1	19	19
20	1/1/2018	1	20	20

3. Utilization of Data Filters

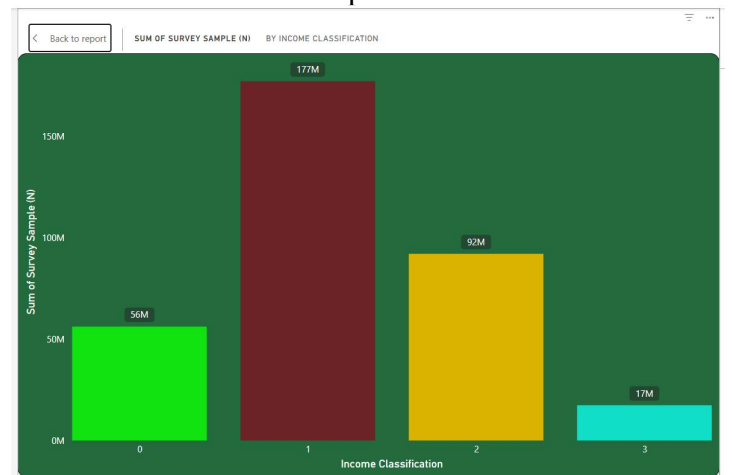


4. DAX Queries Used

1 UN_US = IF('malnutrition-estimates'[Underweight]<5,"UN","Normal")

5. Dashboard design

No of Visualizations / Graphs -



		<div><div><div>Back to report</div><div>SUM OF UNDERWEIGHT</div><div>BY INCOME CLASSIFICATION</div></div><div><table><thead><tr><th>Income Classification</th><th>Count</th><th>Percentage</th></tr></thead><tbody><tr><td>1</td><td>6.7K</td><td>46.88%</td></tr><tr><td>0</td><td>5.16K</td><td>36.11%</td></tr><tr><td>2</td><td>2.17K</td><td>15.18%</td></tr><tr><td>3</td><td>0.26K</td><td>1.82%</td></tr></tbody></table></div></div> <div><div><div>Back to report</div><div>SUM OF OVERWEIGHT</div><div>BY INCOME CLASSIFICATION</div></div><div><table><thead><tr><th>Income Classification</th><th>Count</th><th>Percentage</th></tr></thead><tbody><tr><td>2</td><td>2.06K</td><td>40.65%</td></tr><tr><td>1</td><td>1.55K</td><td>30.6%</td></tr><tr><td>0</td><td>0.81K</td><td>15.9%</td></tr><tr><td>3</td><td>0.65K</td><td>12.85%</td></tr></tbody></table></div></div> <div><div><div>Back to report</div><div>SUM OF STUNTING</div><div>BY INCOME CLASSIFICATION</div></div><div><table><thead><tr><th>Income Classification</th><th>Count</th><th>Percentage</th></tr></thead><tbody><tr><td>1</td><td>11.12K</td><td></td></tr><tr><td>0</td><td>9.13K</td><td></td></tr><tr><td>2</td><td>4.94K</td><td></td></tr><tr><td>3</td><td>0.58K</td><td>5.2%</td></tr></tbody></table></div></div>	Income Classification	Count	Percentage	1	6.7K	46.88%	0	5.16K	36.11%	2	2.17K	15.18%	3	0.26K	1.82%	Income Classification	Count	Percentage	2	2.06K	40.65%	1	1.55K	30.6%	0	0.81K	15.9%	3	0.65K	12.85%	Income Classification	Count	Percentage	1	11.12K		0	9.13K		2	4.94K		3	0.58K	5.2%
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