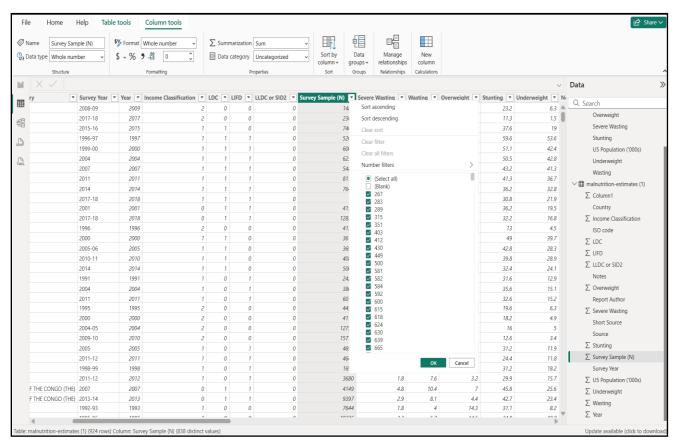# Global Malnutrition Trends: A Power BI Analysis (1983-2019)

3.2. Data Quality Report:

Data Preparation for Visualization:

Preparing the data for visualization is a crucial step that ensures the datasets are accurate, consistent, and ready for analysis. In this project, the malnutrition data collected from and Kaggle was carefully reviewed to ensure completeness and correctness. The preparation process involved cleaning the data by removing blank and null values, standardizing numerical formats, fixing decimal precision, and converting proportion-based columns into percentage format. The datasets were then organized and structured to be easily imported into visualization tools like **Power BI**.

1. The data has been loaded into power BI. The Next step is to clean the data

2. For this transform data to the power Query Editor.

3. After loading the data select each column and remove null and blank values for data consistency and accuracy.

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Data Source / Dataset	Data Quality Issue	Severity	Resolution Plan
Country-wise	Blank or null values in columns	Moderate	Removed all blank and null values from the dataset
Country-wise Average	Unorganized numerical data	Low	Sorted and arranged numerical columns for easier analysis
Country-wise Average	Inconsistent decimal precision in numerical columns	Low	Converted decimal columns into fixed decimal format for uniformity and readability
Country-wise Average and Malnutrition Estimates	U5 population columns not in percentage format	Low	Converted population proportion columns into proper percentage format for clarity
Malnutrition Estimates	Blank or null values in columns	Moderate	Removed all blank and null values from the dataset
Malnutrition Estimates	Unorganized numerical data	Low	Sorted and arranged numerical columns for easier analysis