Data Collection and Preprocessing Phase

Date	01 OCT 2025
Team ID	xxxxxx
Project Title	Malnutrition Analysis and Forecasting using Power BI
Maximum Marks	3 Marks

Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Malnutrition Dataset	Missing values in the Value column for some countries and years.	High	Use Power Query in Power BI to handle missing values: either remove rows with insufficient data or use interpolation for continuous years.
Kaggle Malnutrition Dataset	Duplicate rows based on Country, Year, and Indicator	Moderate	Remove duplicates using Power Query's "Remove Duplicates" function.
Kaggle Malnutrition Dataset	Inconsistent country names or codes	High	Standardize country names using ISO3 codes and create mapping table in Power BI.

Kaggle Malnutrition Dataset	Outliers or incorrect malnutrition values (e.g., negative or extremely high values)	Moderate	Flag outliers using DAX measures and review for correction or removal.
Kaggle Malnutrition Dataset	Data type mismatches (e.g., Year as text, Value as text)	Low	Convert columns to correct data types in Power Query: Year → Whole Number, Value → Decimal Number.