# Data Collection and Preprocessing Phase

| Date | 28 July 2025 |
|---|---|
| Team ID | YM |
| Project Title | Global Malnutrition Trends: A Power BI Analysis (1983-2019) |
| 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 |
|---|---|---|---|
| Malnutrition estimates.csv | Missing values in columns like **Severe Wasting**, **Overweight**, **Stunting** | Moderate | Use Power BI or Power Query to fill missing values using median or regional averages |
| Malnutrition estimates.csv | **Inconsistent formats** in `Survey Year` (e.g., `1996-98, 2017-18, 2000`) | Low | Clean and standardize year formats to a single year (e.g., choose mid-year) |
| Malnutrition estimates.csv | **Numeric fields stored as text** in `Survey Sample (N)` due to commas | High | Remove commas and convert these columns to numeric using Power Query Editor |
| Malnutrition estimates.csv | Duplicate values for same **country and year** | Moderate | Use grouping and filters to keep the most recent entry or the most complete one |