

Data Collection and Preprocessing Phase

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|---------------|-------------------------------------------------------------|
| Date | 28 July 2025 |
| Team ID | RK |
| 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 |