

Data Collection and Preprocessing Phase

Date	29 July 2025
Team ID	xxxxxx
Project Title	Global Food Production Analysis (1961-2023)
Maximum Marks	3 Marks

Data Quality Report

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Columns had incorrect data types (e.g., Year as text)	Low	Changed Year to Whole Number and Value to Decimal format using Power Query
Dataset	Extra characters or inconsistent naming in text fields	Low	Cleaned text columns using Power Query's "Trim" and "Clean" functions
Dataset	Wide format with year columns made analysis harder	Moderate	Decided to analyze without unpivoting by using custom measures and visuals
Dataset	Dataset includes global-level entities like "World" and "FAO"	Low	Chose to retain them for overall production trends and comparative insights