Data Collection and Preprocessing Phase

Date	17 December 2025
Team ID	xxxxxx
Project Title	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 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	Production values were recorded as general or decimal values instead of whole number	Low	Production values were converted from general / decimal format to whole number to ensure consistency and readability during analysis.
Kaggle	Missing values in production data for some countries and year	Moderate	Missing values were handled by removing incomplete records or applying appropriate aggregation
Kaggle	Inconsistent country names across different years	High	Country names were standardized using consistent naming conventions to ensure accurate grouping and comparison.

Kaggle	Duplicate records in the dataset	Moderate	Duplicate entries were identified and removed during data preprocessing to avoid skewed results.
Kaggle	Outliers and extreme values in production figures	Low	Outliers were analyzed and retained or removed based on contextual relevance to maintain data integrity.