

Data Collection and Preprocessing Phase

Date	21 June 2025
Team ID	xxxxxx
Project Title	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

Section	Description
Project Overview	<p>ABC Company aimed to explore long-term global trends in agricultural production using Power BI to visualize and analyze data spanning over six decades.</p> <p>They visualized key insights, including total production figures for rice, wheat, and tea. The study showed consistent growth in wheat, maize, and rice, with wheat rising the most. It also highlighted top fruit producers—grape, apples, bananas, and oranges—with Europe and Asia as key contributors.</p>

Data Collection Plan	I collected the dataset from the website, Kaggle.
Raw Data Sources Identified	<ul style="list-style-type: none"> ○ Surveys – Responses directly gathered from individuals via questionnaires, offering structured qualitative and quantitative insights. ○ Transactional Records – Data from purchases, sales, or financial transactions (e.g., point-of-sale systems), useful for business analytics. ○ Databases/Spreadsheets – Structured internal files like CSVs or SQL tables containing raw entries, usually the starting point for analysis.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	We have numerical data in this data source which contains the global food production of different countries over the years for different food items.	https://www.kaggle.com/datasets/rasunahmad/world-food-production	CSV	2.05 MB	Public

Dataset 2	This dataset contains both categorical and numerical data of food productions of different countries over the years 1961-2013	https://www.kaggle.com/dorbicycle/world-foodfeed-production/download	CSV	4330 KB	Public
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