

Data Collection and Preprocessing Phase

Date	23 June 2025
Team ID	NA
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>The objective of this project by ABC Company was to conduct a comprehensive analysis of global food production trends from 1961 to 2023, focusing on key agricultural commodities. Using Power BI, the project aimed to visualize and interpret production data to uncover patterns, regional strengths, and long-term shifts in global agriculture. These insights are intended to support strategic decision-making in the agri-business and food security sectors.</p> <p>The study confirms a consistent rise in staple crop production, with wheat showing the most significant growth. It also provides a comparative fruit production analysis, helping identify priority crops and regions for investment, research, and policy development.</p>

Data Collection Plan	Collected the data from Kaggle. https://www.kaggle.com/datasets/rafsunahmad/world-food-production
Raw Data Sources Identified	<p>This dataset contains data of total production of different types of foods in per year in each country from 1961-2023 of all country.</p> <p>The foods are:</p> <p>Maize Rice Yams Wheat Tomatoes Tea Sweet potatoes Sunflower seed Sugar cane Soybeans Rye Potatoes Oranges Peas dry Palm oil Grapes Coffee green Cocoa beans Meat chicken Bananas Avocados Apples</p>

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
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Dataset 1	Description of the data in this source.	Link of Dataset 1	CSV	XX GB	Public
Dataset 2	Description of the data in this source.	Link of Dataset 2	Excel	YY GB	Private (with access)
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