Data Collection and Preprocessing Phase

Date	30 July 2025
Team ID	xxxxxx
Project Title	Global Food Production Trends and Analysis using Power BI
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification

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	This project aims to analyze global food production trends over six decades using Power BI. The objective is to visualize country-wise and crop-wise production changes to support agricultural policy planning, food security, and resource allocation.
Data Collection Plan	The primary dataset has been sourced from https://www.kaggle.com/datasets/rafsunahmad/world-food-production through publicly accessible datasets related to food crop production volumes by country and year. Data was obtained in CSV format and cleaned using Power BI Power Query Editor.
Raw Data Sources Identified	Refer to the table below for detailed information on each dataset used in the project..

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Global Food Production Dataset (1961–2021)	Contains annual food production (in tonnes) of 22 major crops across 226 countries. Includes cereals, fruits, oilseeds, legumes, and meats.	https://www.kaggle. com/datasets/rafsun ahmad/world-food-production	CSV	856 KB	Public
Power BI Processed File	Cleaned and transformed version of the raw data, ready for dashboard visualization in Power BI.	https://github.com/J aiswalSnehil/Global _Food_Production_ Trend_Analysis/blo b/main/6.%20Proje ct%20Executable% 20Files/Global_Foo d_Production_Tren d%20_Analysis.pbi x	PBIX	YY GB	Private (Local access)