Data Collection and Preprocessing Phase

Date	14 Sept 2025
Team ID	SWUID20250185946
Project Title	Global Food Production Trends and Analysis:
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	This project explores global food production patterns from 1961 to 2023, highlighting key metrics such as harvested area, production volume, and yield. Its core aim is to deliver dynamic dashboards and data-driven visualizations that empower policymakers, researchers, and industry leaders to make strategic, evidence-based decisions
Data Collection Plan	Data will be sourced from trusted open-access platforms such as FAOSTAT and Kaggle, emphasizing structured CSV and Excel datasets that span multiple years and diverse crop types to ensure comprehensive and reliable analysis.
Raw Data Sources Identified	The selected datasets encompass historical records of production, harvested area, and yield metrics across various countries and crop types. With extensive global coverage and structured formatting, they are ideally suited for advanced visualization and analysis in Power BI.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
FAOSTAT Food Production	Historical global food production data by crop and country.	https://www.fao.org/faostat/en/#data/QCL.	CSV	02 MB	Public
Dataset 2	Description of the data in this source.	https://www.kaggle.com/datasets/rafsunahmad/world food-production.	CSV	02 MB	public