

Data Collection and Preprocessing Phase

Date	30 June 2025
SkillWallet ID	SWUID20250170810
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:

Section	Description
Project Overview	The "Global Food Production Trends and Analysis" project aims to examine global crop production from 1961 to 2023, identifying trends, top producers, and changes over time. Using Power BI, the goal is to develop interactive dashboards for effective data-driven insights into the global agricultural landscape.
Data Collection Plan	The primary dataset will be collected from a publicly available Kaggle dataset titled "World Food Production". Additional supporting metadata (e.g., crop classification or region groupings) may be derived from external sources like FAO or World Bank, if needed.
Raw Data Sources Identified	1. Kaggle Dataset – World Food Production

Raw Data Sources Identified:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1: Kaggle-World Food Production	Contains global production data (in tonnes) for various crops from 1961 to 2023, organized by item, year, and region.	https://www.kaggle.com/datasets/rafsunahmad/world-food-production	CSV	~50 MB	Public