Data Collection and Preprocessing Phase

Date	28 July 2025
Team ID	SK
Project Title	Global Malnutrition Trends: A Power BI Analysis (1983-2019)
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	To analyze global malnutrition trends from 1983 to 2019 among children under five, focusing on severe wasting, wasting, stunting, underweight, and overweight conditions. The goal is to uncover how these malnutrition forms vary by country income classifications and other geopolitical categories, using Power BI visualizations to drive policy and intervention strategies.
Data Collection Plan	Data will be collected from Kaggle website and other some international organizations (e.g., WHO, World Bank, UNICEF). These sources offer structured datasets in Excel or CSV format with yearly and country-wise malnutrition indicators.
Raw Data Sources Identified	• **WHO Global Database** – Malnutrition rates by country and year. • **UNICEF Child Nutrition Data** – Data on stunting and wasting. • **World Bank Indicators** – Food insecurity and GDP data.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
WHO	Contains global malnutrition indicators such as undernourishment, obesity, and stunting by year and country.	https://www.who.int/data	CSV	1.2 GB	Public
UNICEF	Child nutrition data including stunting, wasting, and underweight from 1983–2019.	https://data.unicef.org	Excel	850 MB	Public
WORLD BANK	Global development indicators like food insecurity, GDP, health spending.	https://data.worldbank.org	CSV	2 GB	Public