

Data Collection and Preprocessing Phase

Date	17 June 2025
Team ID	SWUID20240005242
Project Title	Global Malnutrition Trends: A Power BI Analysis (1983-2019)
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Data Collection Plan Template

Section	Description
Project Overview	This Project aims to develop an interactive Power BI dashboard to visualize global malnutrition trends (1983-2019), focusing on under nutrition and overweight indicators across regions, countries, and income groups.
Data Collection Plan	The data was sourced from kaggle, a reputable open-source platform. Specifically, two CSV files- malnutrition-estimates.csv and country-wise-average.csv were downloaded for use in this dashboard project.
Raw Data Sources Identified	Malnutrition-estimates.csv: year-wise country-level records of stunting, wasting, underweight, and overweight indicators with demographic breakdowns, Country-wise-average.csv: Summary data showing average values of malnutrition indicators per country across all years.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1: Malnutrition- estimates.csv	Year-wise country-level data on stunting, wasting, underweight, and overweight indicators with demographics details.	https://www.kaggle.com/datasets/ruchi798/malnutrition-across-the-globe?select=malnutrition-estimates.csv	CSV	~2 GB	Public
Dataset 2: UNICEF JME Dataset	Global malnutrition statistics by gender, region, and indicator from WHO/UNICEF/World Bank.	https://data.unicef.org/resources/dataset/malnutrition-data/	XLSX	~1.5GB	Public
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