Project Initialization and Planning Phase

Date	25 June 2025
Team ID	NA
Project Title	Global Malnutrition Analysis (1983-2018)
Maximum Marks	3 Marks

Project Proposal (Proposed Solution):

Building an interactive Power BI dashboard that visualizes global malnutrition trends, segmented by income classification, country and time, enabling stakeholders to make informed decisions.

Project Overview	
Objective	- To analyze malnutrition indicators (Stunting, Wasting, Underweight, Overweight) globally. - To identify trends across income classifications and years. - To create an interactive Power BI dashboard for comparative and temporal analysis.
Scope	The scope of this project is analyzing the historical dataset of Global Malnutrition from the year 1983 to 2018.
Problem Statement	
Description	Malnutrition continues to be a major global challenge affecting millions of children, especially in low- and middle-income countries.
Impact	To highlight at-risk populations, and guide data-driven interventions.
Proposed Solution	
Approach	Using the Microsoft Power BI to build an interactive dashboard that visualizes global malnutrition trends.

Key Features	Charts, visuals representing the global malnutrition trends over the years.

Resource Requirements

Resource Type	Description	Specification/Allocation
Hardware		
Computing Resources	CPU/GPU specifications, number of cores	Intel CORE i7 8th Gen
Memory	RAM specifications	16 GB
Storage	Disk space for data, models, and logs	512 GB SSD
Software		
Data Visualization tool	Power BI Desktop	Microsoft Power BI
Data		
Data	Source, size, format	Kaggle datasets: 2 datasets 8 columns (13.77 kB) and 20 columns (295.46 Kb) csv files