

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	PNT2025TMID02578
Project Name	Global food production trends & analysis
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The project aims to analyze global food production trends from 1961 to 2023 using Power BI, helping stakeholders understand agricultural patterns, food security concerns and sustainability challenges.
2.	Idea / Solution description	The solution involves collecting and visualizing food production data through an interactive Power BI dashboard. It allows users to analyze trends, compare regions, and predict future agricultural outputs.
3.	Novelty / Uniqueness	The project integrates extensive historical data and provides dynamic, real-time analysis for better decision-making."
4.	Social Impact / Customer Satisfaction	The project contributes to food security research, helping Customer Satisfaction policymakers and farmers make informed agricultural decisions.",
5.	Business Model (Revenue Model)	The solution can be monetized through a subscription-based model (Revenue Model) for researchers, governments, and organizations needing food production insights.
6.	Scalability of the Solution	The dashboard can be expanded with real-time data sources AI-driven predictions, and climate impact assessments.