

Project Initialization and Planning Phase

Date	29 July 2025
Team ID	xxxxxxx
Project Name	Global Food Production Analysis (1961-2023)
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Problem statement 1:

I am	I'm trying to	But	Because	Which makes me feel
Someone working in the food sector — a researcher and part of an NGO.	Get a clear picture of how food production has changed over the years across different countries and crops.	The data is scattered, hard to read, and not easy to compare — especially when looking at long-term trends.	It spans over 60 years and covers many regions and crop types, so just looking at raw numbers isn't helpful.	Confused and unsure about what decisions to make or what patterns are really important.

Problem Statement 2:

I am	I'm trying to	But	Because	Which makes me feel
A data analyst trying to help people understand agricultural trends through visuals.	Build a dashboard that lets users explore the data easily and draw their own insights without needing technical skills.	Normal reports or Excel sheets don't let users dig deep or see the full picture over time.	There's no interactive, all-in-one tool that brings together years of food production data in a way that's easy to use.	Like I'm not helping users enough, and the data isn't being used to its full potential.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Someone working in the food sector — a researcher and part of an NGO.	Get a clear picture of how food production has changed over the years across different countries and crops.	The data is scattered, hard to read, and not easy to compare — especially when looking at long-term trends.	It spans over 60 years and covers many regions and crop types, so just looking at raw numbers isn't helpful.	Confused and unsure about what decisions to make or what patterns are really important.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-2	A data analyst trying to help people understand agricultural trends through visuals	Build a dashboard that lets users explore the data easily and draw their own insights without needing technical skills.	Normal reports or Excel sheets don't let users dig deep or see the full picture over time.	There's no interactive, all-in-one tool that brings together years of food production data in a way that's easy to use.	Like I'm not helping users enough, and the data isn't being used to its full potential.