

Project Initialization and Planning Phase

Date	30 July 2025
Team ID	XXXXXX
Project Name	Global Food Production Trends and Analysis using Power BI
Maximum Marks	3 Marks




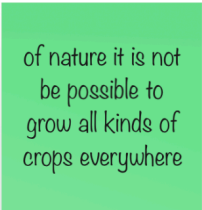

Define Problem Statements (Customer Problem Statement Template):

Food production is fundamental to global food security and economic stability. However, increasing global demand, climate change, resource depletion, and trade disruptions pose significant challenges to agricultural output. Understanding food production trends is crucial for policymakers, agribusinesses, and farmers to optimize crop yields and ensure food availability.

The challenge lies in aggregating and analyzing six decades of food production data across different regions, agricultural techniques, and economic policies. Power BI can enable stakeholders to visualize trends, identify risks, and forecast future production needs.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the core about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what hinders them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problems or barriers exist - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Example:

Customer Problem Statement Template				
I am	I'm trying to	But	Because	Which makes me feel
I am 	I'm trying to 	But 	Because 	Which makes me feel 

Customer Problem Statement Template

I am	I'm trying to	But	Because	Which makes me feel
<p>I am</p> <div style="background-color: yellow; padding: 10px; border: 1px solid black; margin: 10px auto; width: 80%;"> <p>A supply chain manager for a global food exporter</p> </div>	<p>I'm trying to</p> <div style="background-color: blue; color: white; padding: 10px; border: 1px solid black; margin: 10px auto; width: 80%;"> <p>monitor and react quickly to risks in global food supply chains</p> </div>	<p>But</p> <div style="background-color: lightblue; padding: 10px; border: 1px solid black; margin: 10px auto; width: 80%;"> <p>real-time data on disruptions due to conflicts, weather, or regulations is hard to visualize comprehensively</p> </div>	<p>Because</p> <div style="background-color: green; color: white; padding: 10px; border: 1px solid black; margin: 10px auto; width: 80%;"> <p>global food supply chains are complex, involving many actors and cross-border challenges</p> </div>	<p>Which makes me feel</p> <div style="background-color: orange; padding: 10px; border: 1px solid black; margin: 10px auto; width: 80%;"> <p>concerned about supply chain resilience and business continuity</p> </div>

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	ABC Company	understand global food production trend	the data contains irrelevant and missing data	of nature it is not possible to grow all kinds of crops everywhere	intrigued
PS-2	A supply chain manager for a global food exporter	monitor and react quickly to risks in global food supply chains	real-time data on disruptions due to conflicts, weather, or regulations is hard to visualize comprehensively	global food supply chains are complex, involving many actors and cross-border challenges	concerned about supply chain resilience and business continuity