

Project Initialization and Planning Phase

Date	24 June 2025
Team ID	38
Project Name	Global Food Production Trends and Analysis
Maximum Marks	3 Marks

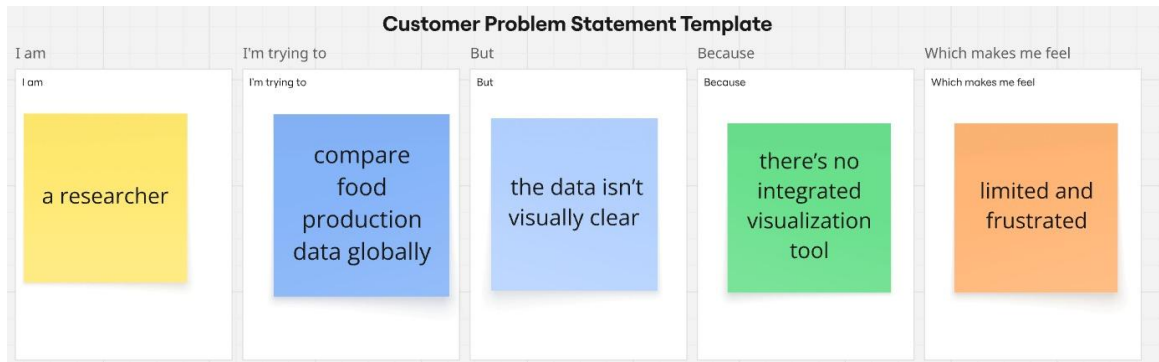
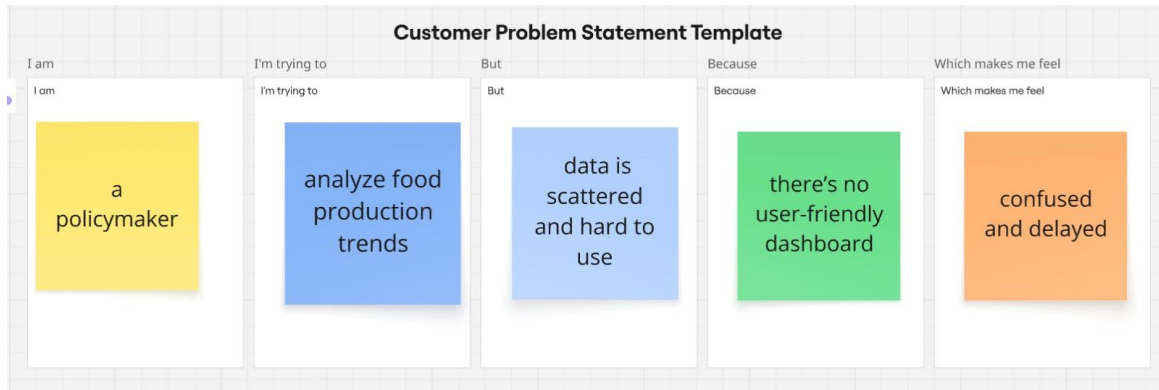
Define Problem Statements (Customer Problem Statement Template):

ABC Company undertook a comprehensive study of global food production trends from 1961 to 2023, leveraging Power BI for insightful visualizations. The analysis encompassed key agricultural commodities, revealing that total rice production amounted to 269 billion tonnes, while wheat production reached 282 billion tonnes. The study highlighted that tea production stood at 2 billion tonnes, with Africa emerging as the leading producer of green coffee. Additionally, the research underscored a steady rise in wheat, maize, and rice production over the years, with wheat showing the most significant increase. The project also explored the production volumes of apples, avocados, bananas, and oranges by different regions, identifying Europe and Asia as significant contributors. Maize production demonstrated consistent growth, particularly from the late 1980s onward. The study further indicated that grapes had the highest total production among fruits at 43 billion tonnes, followed by apples, bananas, and oranges. This comprehensive analysis equips ABC Company with valuable insights to better understand global food production trends, aiding strategic decision-making in the agricultural sector.

Customer Problem Statement

I am	a policy maker or analyst in the agricultural sector
I'm trying to	understand long-term trends in global food food production
but	the data is scattereled and hard to visualize
because	historical data is stored in varrious formats and lacks
which makes me feel	overwhelmed and unsure about strategic planning

Example:



Customer Problem Statement Table

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Policymaker	Analyze Food Production Trends	Data is scattered and hard to use	There's no user-friendly Dashboard	Confused and Delayed
PS-2	A Researcher	Compare food production data globally	The data isn't visually clear	There's no integrated visualization tool	Limited and frustrated