Project Initialization and Planning Phase

Date	29 September 2025
Team ID	SWUID20250181744
Project Name	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement):

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I'm an agriculture strategy manager at a Company	Get a clear, big-picture view of how global food production has changed over the past 60 years especially for rice, wheat, maize, and other key crops	The data I have is scattered across different sources and formats, and it's really hard to pull everything together	The information covers too many years, regions, and commodities to analyze manually or through simple charts	Frustrated that I can't easily uncover trends or use the data to plan long-term strategies
PS-2	I'm a business analyst in our supply-chain team	Build easy-to-understand reports that highlight where production is rising or falling	Most of the tools I have are static spreadsheets, no filters, nothing interactive	My managers want quick insights and visual dashboards to help with forecasting	Stressed because I spend too much time cleaning data instead of analyzing it
PS-3	I'm a policy and decision making lead in the research division	Use real data to guide sustainable agriculture policies and investment decisions	I don't have a single dashboard that shows reliable, up-to-date production information in one place	We rely on multiple disconnected reports that don't tell the full story	Concerned that I might make decisions based on incomplete or outdated information