Project Initialization and Planning Phase

Date	03 OCTOBER 2025
Team ID	**SWUID20250213607**
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 Template):

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Policymaker	identify patterns and gaps in global crop production to improve food security	the data is fragmented and trends for specific crops over time or by region are not easily accessible or comparable	the visualizations and raw data lack unified interpretation and actionable insights	frustrated and uncertain about making informed decisions for sustainable agriculture
PS-2	a farmer	understand which crops and regions are most productive or vulnerable over time	it is hard to quickly analyze global trends, compare different crops, or forecast future production using available summaries	production data is only aggregated, and doesn't highlight contributing factors or anomalies year by year	overwhelmed and apprehensive about planning and resource allocation
PS-3	non-governmental organization working on food distribution	target support and resources efficiently to regions with low food production	there is insufficient granular insight by year or entity, making it difficult to recognize	the dataset offers totals and some breakdowns but lacks integrated analytics and visualization tools	concerned about the risk of inequity or inefficiency in interventions

			underperforming areas		