**Project Initialization and Planning Phase**

| Date | 2 August 2025 |
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| Name | Mohammed Farhan 4NI22CS410 |
| Project Name | India Agriculture Crop Production Analysis (1197-2021) Using Tableau |
| Maximum Marks | 3 Marks |

# Problem Statements

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| Problem Statement ID | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
| PS-1 | A government policymaker/agriculture researcher | Understand long-term crop production trends across different states in India | The data is spread across multiple years and regions, making it difficult to analyze manually | Historical records are vast and lack a clear visual format | Overwhelmed and unable to make data-driven policy decisions |
| PS-2 | A farmer/agriculture advisor | Identify seasonal variations and forecast crop yields | The raw data is too complex and does not show clear seasonal patterns | The data is in tables and spreadsheets without meaningful visualizations | Confused and unable to optimize crop planning |
| PS-3 | An agriculture market analyst | Compare regional production and detect underperforming crops | The available data lacks interactive dashboards for exploration | Most reports are static and do not allow drilling down into details | Limited in providing accurate insights to stakeholders |