

**Ideation Phase**  
**Define the Problem Statements**

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|---------------|--|
| Date          | 19 March 2025  |
| Team ID       | PNT2025TMID06680   |
| Project Name  | <b>Global Food Production Trends and Analysis A Comprehensive Study from 1961 to 2023 Using Power BI</b> |
| Maximum Marks | 2 Marks  |

**Customer Problem Statement :**

Here Is the Customer Problem Statement **Finding Global Food Production Trends.**

| Problem Statement (PS) | I am (Farmer)                             | I'm trying to   | But  | Because   | Which makes me feel  |
|------------------------|---|---|--|---|--|
| PS-1                   | A data analyst or agricultural researcher | Analyze global food production trends using Power BI                          | The dataset is vast, covering multiple commodities and regions                     | Production patterns vary significantly over time, requiring complex visualizations and insights | Overwhelmed by data complexity and the challenge of extracting meaningful trends |
| PS-2                   | An agricultural policymaker or strategist | Optimize resource allocation by identifying key production regions and trends | Factors like climate change and economic shifts affect long-term production trends | Accurate forecasting of staple crops like wheat, maize, and rice is crucial for food security   | Concerned about making informed decisions to ensure sustainable agriculture      |