


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	31 January 2025
Team ID	PNT2025TMID02578
Project Name	Global Food Production and Trend Analysis
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



Brainstorm & idea prioritization

Global Food Production Trend and Analysis

10 minutes to prepare
1 hour to collaborate
2-3 people recommended

Before you collaborate
A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

Team gathering

- Project Lead: Oversees the project and ensures objectives are met.
- Data Analysts: Collect, clean, and integrate data for Power BI analysis.

Set the goal

- Project Lead: Oversees the project and ensures objectives are met.
- Data Analysts: Collect, clean, and integrate data for Power BI analysis.

Define your problem statement

Problem Statement for "Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI" This project aims to analyze global food production trends from 1961 to 2023 using Power BI. **Focusing** on growth patterns, regional differences, and the production of major crops and livestock. By examining factors like technological advancements, population growth, and climate change, the study will provide valuable insights into how global food systems have evolved and identify potential challenges and opportunities for future food security and policy development.

Key rules of brainstorming
To run an smooth and productive session

Stay on topic.


Define judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be visual.



Need some inspiration?

Have a fresh perspective on the template to inspire your work.

[Open template](#)

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Tip You can collect a sticky note and pin the paper (stick to yourself) even for silent brainstorming!

Nikita Poundkar

- Regional Differences and Food Security
- Climate Change and Environmental Factors
- Impact of Technological Advancements

Seem Patel

- Historical Growth of Global Food Production
- Shifts in Food Production from Crops to Livestock
- Economic and Policy Influences

Trupti Patil

- Dietary Shifts and Their Impact
- Food Waste and Efficiency in Production
- Predictive Modeling and Forecasting

Sakshi Khot

- Visual Storytelling with Data
- Policy Influence
- Predicting Future Trends

3 Group Ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

30 minutes

Tip Start with a sentence-like label to help you to make sense of the ideas, organize, and categorize the ideas into clusters as they surface within your mind.

- Global Food Production Growth and Trends**
 - Track rates of growth in global food production over the past decades.
 - Highlight years with significant growth or decline in global food production.
- Regional Differences and Environmental Factors**
 - Examine how climate change and environmental factors impact food production in different regions.
 - Investigate how technological advancements impact food production in different regions.
- Technological and Policy Impact**
 - Examine how technological advancements (e.g., AI, robotics) impact food production.
 - Examine how policy (e.g., trade, subsidies) impact food production.
- Food Waste, Efficiency, and Predictive Modeling**
 - Examine food loss and waste in different regions and its impact on food production.
 - Examine how predictive modeling (e.g., AI, machine learning) impact food production.

Step-3: Idea Prioritization

4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

Importance

Feasibility

Proportion of the responses which leads are more feasible than others? (over time, effort, complexity, etc.)