Ideation Phase
Brainstorm & Idea Prioritization Template

Date	25 February 2025
Team ID	PNT2025TMID02625
Project Name	Global Food Production trends and Analysis:A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

Following are some ideas which disrcibes our project objectives.

⏱ 10 minutes

Bhaskar Paymal

- Global Food Availability Prediction Use historical data and current trends to predict future food availability and shortages.
- Food Trends Dashboard Use color-coded maps to represent surplus and deficit areas.
- Food Price Prediction Incorporate factors like inflation, transportation costs, and supply chain disruptions.

Gayatri Patil

- Visualizing food production with the help of given entity.
- Risk mitigation strategies to reduce food insecurity by potential crises.
- Calculating yearly production the food and represent it in suitable visualization.

Disha Patil

- Impact analysis of climate changes on crops of food.
- Combine various factors like food availability, accessibility, and utilization into a comprehensive index.
- Country wise distribution of the food.

Group ideas

Here are ideas which shared by every group member. And the clustering is also given for extra information.

⏱ 20 minutes

Cluster NO 1:
- Sustainable Farming
- Climate change impact on crop yields
- Most produced food items over the decades
- Effects of economic policies on food production

Cluster No 2:
- Top food-producing countries and regions
- Reducing Food Wastage
- Organic Farming by using natural fertilizers
- Effects of economic policies on food production

Cluster No 3:
- Vertical Farming growing crops in stacked layers to save space.
- Reducing Food Wastage
- Sustainability and food security challenges
- Climate change impact on crop yields

Group Of Similar Clusters
- Reducing Food Wastage
- Effects of economic policies on food production
- Top food-producing countries and regions
- Climate change impact on crop yields

Step-3: Idea Prioritization

Prioritize

Placing our ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

TIP

Participants can use their sticky notes to point at where they should go on the grid. This facilitator can confirm the spot by using the laser pointer hosting line & tap on the backboard.

Ideas on the prioritization grid (Importance vs Feasibility):
- Sustainability and food security challenges
- Effects of economic policies on food production
- Sustainable Farming
- Organic Farming by using natural fertilizers
- Vertical Farming growing crops in stacked layers to save space.
- Top food-producing countries and regions
- Reducing Food Wastage
- Most produced food items over the decades
- Climate change impact on crop yields

Importance — Which of these ideas could get more excited any, difficulty to scale, what would effort the most positive impact?

Feasibility — Regardless of their importance, which ones are more feasible than others? (Cost, time, effort, complexity, etc.)