

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	25 February 2025
Team ID	PNT2025TMID02999
Project Name	Global Malnutrition Trends a Power BI Analysis (1983-2019)
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

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

**Template**



### Global malnutrition trends A power BI Analysis of 1983 to 2019

By using this templet we can introduce our global food production trends brainstorming concepts

⌚ 10 minutes to prepare  
⌚ 1 hour to collaborate  
👥 2-8 people recommended

**Before you collaborate**

1. Gather historical malnutrition data (1983-2019) from sources like WHO, UNICEF, World Bank, or FAO.
2. Ensure data is cleaned and structured properly for Power BI integration.
3. We have to learn Power BI functionalities required for time-series analysis,geospatial mapping, and trend forecasting.

⌚ 10 minutes

**Team gathering**

These are three members in a team, where one is going to lead the project, another one is going to design and develop suitable visualization and third one is going to provide insights into data sources and trends.

**Set the goal**

The primary goal of this project is to develop a Power BI solution that accurately predicts global malnutrition trends analysis of 1983 to 2019.

To achieve a primary objectives by integrating, cleaning, preprocessing the data.

**Learn how to use the facilitation tools**

Ensure every team member contributes ideas and insights. Structure the session with clear steps: ideas generation, grouping, and prioritization.

[Open article](#)

**1 Define your problem statement**

How might we visualize and analyze global malnutrition trends from 1983 to 2019 to identify key insights and policy implications?

⌚ 5 minutes

**PROBLEM**

How might we develop a Power BI solution to accurately predict Global malnutrition trends analysis of 1983 to 2019 data?

**Key rules of brainstorming**

To run an smooth and productive session.

🗣️ Stay in topic.

👂 Deliver judgment.

📊 Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.



**Need some inspiration?**

Use a historical version of this template to introduce your ideas.

[Open example](#)

## Step-2: Brainstorm, Idea Listing and Grouping

2

**Brainstorm**  
Following are some ideas which describes our project objectives.  
[10 minutes](#)

**Samruddhi Patil**  
Visualize malnutrition severity across countries/regions over time.  
Analyze how economic factors like household income correlate with malnutrition rates.  
Break down malnutrition data by age group (0-5 years, 5-12 years, adults) and gender.

**Shreya Devarde**  
Track the effectiveness of malnutrition reduction policies in different countries.  
Compare policy implementation years with malnutrition trends.  
Identify if food scarcity or high food prices correlate with higher malnutrition rates.

**Samruddhi Devarde**  
Analyze how seasonal changes or disaster events (drought, flood) impact malnutrition.  
Compare malnutrition rates across continents or countries.  
Display future trend line based on historical data.

**Cluster no: 1**  
Impact of Government Policies  
Food availability and prices

**Cluster no: 2**  
seasonal and Climate Influence on malnutrition trends  
Regional Analysis

**Cluster no:3**  
Urban vs Rural malnutrition

**Common ideas by Group members**  
Local Food production impacts  
Disaster response and nutrition aid  
Supply chain disruptions

→

→

→

### Step-3: Idea Prioritization



#### Prioritize

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

⌚ 20 minutes

