Template

Global Food Production Trends - Brainstorming

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

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

Before you collaborate

Before Collaborating on this session , we done little bit preparation like reviewing the key concepts , familiarize ourselves with the tools we'll be using, and understand the objectives will help us to get the most relevant experience . A little bit preparation goes a long long waym making our learining skills smoother and more productive

10 minutes

A **Team gathering**
There are three team 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.

B **Set the goal**
The primary goal of this project is to develop a Power BI solution that accurately predicts global food availability and trends using real-time data.
To archive a primary objectives by integrating ,cleaning ,preprocessing the data

C **Learn how to use the facilitation tools**
Ensure every team member contributes ideas and insights. Structure the session with clear steps: idea generation, grouping, and prioritization.

Open article

Define your problem statement

How might we leverage data visualization to uncover critical insights from global food production trends and identify key factors influencing food security and sustainability?"

5 minutes

PROBLEM

How might we develop a Power BI solution to accurately predict global food availability and trends using real-time data?

Key rules of brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

Brainstorm

Following are some ideas which disrcibes our project objectives.

10 minutes

Pranoti Patil

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.

Pranoti 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.

Pranoti 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

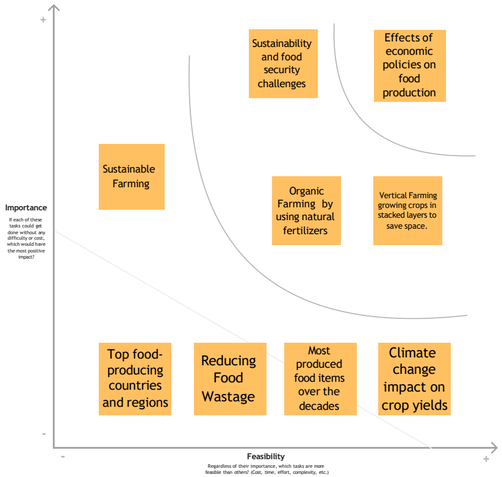
Prioritize

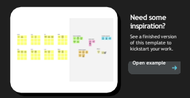
Placing our ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.





Need some inspiration?

See a finished version of this template to kickstart your work.

Open example