

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID28004
Project Name	EXPLORATORY ANALYSIS OF RAINFALL DATA INDIA FOR AGRICULTURE
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:


Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: <https://www.mural.co/templates/empathy-map-canvas>




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

Template




Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

-  10 minutes to prepare
-  1 hour to collaborate
-  2-8 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

A Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

Consider having a shared document created ahead

B Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

To increase the odds of success, make sure you have enough time to solve the problem


C Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →

➦ Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.


 5 minutes


PROBLEM


How might we [your problem statement]?


Key rules of brainstorming


To run a smooth and productive session


 Stay in topic.

 Encourage wild ideas.

 Defer judgment.

 Listen to others.

 Go for volume.

 If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

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

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil icon to start drawing!

LOGESH

Professional worker

Influencing and social media platforms

Analysing and predict rainfall by physical data

MANOJKUMAR

Live weather channel

Retrieve data from cloud platforms

Python based data to server

IOT based network

ASHWIN

Linear regression topics

Data through websites

Predicting rainfall using motion sensor

Data Science

KEERTHIDHARAN

Data preprocessing techniques

Analysing data from IOT

Earth irrigation dip in specific regions

Sendings information when needed

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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.

🕒 20 minutes

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Data through websites

Influencing and social media platforms

Predicting rainfall using motion sensor

Analysing and predict rainfall by physical data

Earth irrigation dip in specific regions

Data preprocessing techniques

Python based data to server

Live weather channel

Step-3: Idea Prioritization

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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

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.

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Data through websites

Analysing and predict rainfall by physical data

Predicting rainfall using motion sensor