

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID13336
Project Name	Estimation of crop yield
Maximum Marks	4 Marks

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.

- 15 minutes to prepare
- 1 hour to ideation
- 2-3 people recommended

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Define your problem statement

In most areas where crop production is dependent on rainfall there is always risk of crop failure or yield loss due to moisture stress.

PROBLEM

Estimation of crop yield using data analytics

Step 2: Gathering ideas:

3

Group ideas

The idea given below are the cluster of ideas of the individual members in the team.

00:30 minutes

The accurate prediction of crop yield certainly benefits the farmer in choosing the right method to reduce the crop damage and get best price for their crops.

Crop yield through data analytics to access various crop yield influencing factors such as Area under cultivation in terms of hectors, annual rainfall rates and food price index and to develop the relationship among these parameters.

Regression analysis methodologies was applied to examine the selected factors and their impact on crop prediction and final yield

Step 3: main idea

