Fertilizer Recomentation System for Disease Prediction

Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and fungal diseases. Diseases on plants placed a major constraint on the production and a

major threat to food security. Hence early and accurate identification of plant diseases is essential to ensure high quantity and best of diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate plant protection techniques.

1 hour to collaborate 2-5 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

Team gathering

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

Set the goal Think about the problem you'll be focusing on solving in the brainstorming session. Learn how to use the facilitation tools

Open article →

quality. In recent years, the number

10 minutes to prepare

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

Use the Facilitation Superpowers to run a happy and

Key rules of brainstorming To ru an smooth and productive session

1) In agricultural aspects, if the plant is affected by leaf disease, then it

2) People who Grow Crops and facing Issues of Plant Disease .

The Traditional methods of Fertilizer prediction and Disease analysis are Expensive and takes a lot of time.

reduces the growth and productiveness. Generally, the plant diseases are caused by the abnormal physiological Functionalities of plants.

Defer judgment.

Go for volume.

Encourage wild ideas. Listen to others

If possible, be visual.

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

Brainstorm

⊕ 10 minutes

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Identify the disease

solution to

solve the

problem

user interface

to upload

images

RAJA P

man power

Maha devi V

Pre-trained model for image classification

It simplifies

the farmers

work

using this find the diseases at application is less early stages

changes in

agriculture

field

Janarthanan

Early detection and utilization of management available of problem resources

Interactive to upload productivity

sangeetha S

the Cost

website

Deep learning based mathematical model for detecting diseases

solution

Sathish

kumar B

Build keras image classification

model

recommended fertilizer through gmail It will save time

knowledge Portal for

people with

no prior

Group ideas

Website for

Fertilizer

recommendation

Interactive

user interface

to upload

images

Admin can Better Instant utilization of recommended solution available fertilizer resources through gmail

Category 3

They can find the early stages

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 and break it up into smaller sub-groups.

Cost of using

this

application is

less

farmers

Category 1

Identify the

disease

Useful to

people with

no prior

knowledge

Smart solution to Cost of using application is

Category 2

based

mathematical

model for

detecting

diseases

Making

revolutionary

changes in

agriculture

model for

image

classification

Interactive

to upload

images

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.

Better

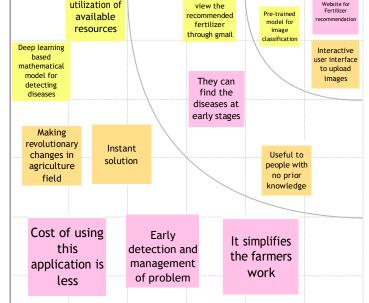
⊕ 20 minutes

Build keras classification model Early detection and management of problem

> Importance If each of these tasks could get

done without any difficulty or cost,

which would have the most positive impact?



Admin can

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the mural
Share a view link to the mural with stakeholders to keep

them in the loop about the outcomes of the session. R Export the mural

Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint Define the components of a new idea or strategy.

Open the template

Customer experience journey map

Understand customer needs, motivations, and obstacles for an experience.

Open the template

Strengths, weaknesses, opportunities & threats Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan. Open the template

Share template feedback

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



Need some inspiration?



















