

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 nign quantity and pest quality. In recent years, the number 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.

- 10 minutes to prepare 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

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

Define your problem statement

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

₼ 5 minutes

PROBLEM

; Identify the disease on plants using deep learning techn and to recommend the fertilizers for reducing the Provide website information for recommened fertilizer.

Key rules of brainstorming To run an smooth and productive session

Listen to others

Encourage wild

Dinesh kumar.T

disease

mam power

detection and

Hariharan. M

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

10 minutes

and hit the pencil [switch to sketch) icon to start drawing!

Ragul .M

Build keras image classification model

Cost of

using this

application

It will save

time

User friendly

website

Deep learning based mathematical model for detecting diseases

images

Identify the

solution to

solve the

problem

utilization of

available

resources

user interface

to upload

images

model for image classification

the farmers

work

through gmail

changes in agriculture field

They can find the diseases at early stages

is less Tamilarasan.V

Useful to solution

people with no prior knowledge

Portal for

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.

(†) 20 minutes

Website fo

Fertilizer

Group ideas

Category 1 Category 2

Cost of using Pre-trained Identify the this mathematical model for application is image recommendation detecting less classification diseases

Useful to Interactive user interface people with no prior to upload farmers images knowledge

Instant

solution

Interactive user interface to upload images

Making Early revolutionary detection and changes in management agriculture field

of problem

Build keras

classification

model

They can find the diseases at early stages

Smart solution to

Category 3

Admin can

view the

recommended

fertilizer

resources through gmail

Cost of using application is

Better

utilization of

available

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.

ტ 20 minutes

Share a view link to the mural with stakeholders to keep Better them in the loop about the outcomes of the session. Admin can utilization of Website for view the Fertilizer Export the mural recommended Pre-trained available Export a copy of the mural as a PNG or PDF to attach to fertilizer model for emails, include in slides, or save in your drive. resources image through gmail classification Deep learning Interactive based user interface Keep moving forward mathematical to upload model for images They can detecting find the diseases diseases at early stages



Making

which would have the most positive impact?

revolutionary Useful to Instant changes in people with solution agriculture no prior field knowledge Cost of using Early It simplifies this detection and the farmers management application is work of problem less



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

After you collaborate

Quick add-ons

A Share the mural

You can export the mural as an image or pdf to share with

members of your company who might find it helpful.

Strategy blueprint

Define the components of a new idea or Open the template →

Understand customer needs, motivations, and

obstacles for an experience. Open the template →

Open the template →

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

Share template feedback





























