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 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.

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.

B Set the goal
Think about the problem you'll be focusing on solving in

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 yo problem as a How Might We statement. This will b focus of your brainstorm.

→ 5 minutes

PROBLEM

Identify the disease on plants using deep learning techni and to recommend the fertilizers for reducing the diseas 2. Provide website information for recommened fertilizer.

Key rules of brainstorming To run an smooth and productive session

Stay in topic.

Defer judgment.

Go for volume.

Encourage wild i Listen to others If possible, be vis

best fertilizer

solution to

solve the

problem

Pre-trained model for image classification

It simplifies

the farmers

work

through gmail

They can using this find the application diseases at is less early stages

MOHAN

PRASAT ΗВ

Build keras image classification model

You can select a sticky note and hit the pencil [switch to

sketch] icon to start drawing!

HARISH RAM CBS

based mathematical model for detecting diseases Interactive

to upload

images

Brainstorm

detection and utilization of management available of problem

productivity

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

SARAVANAN M

MOHAMED

SAMSUL H

Identify the

disease

resources user interface to upload images

recommended fertilizer

solution

It will save time

knowledge Portal for farmers

Useful to

people with

no prior

revolutionary

changes in

field

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 and break it up into smaller sub-groups.

→ 20 minutes

Category 1 Category 2

Cost of using

this

less

application is

Website for Identify the Fertilizer disease recommendation

Interactive user interface to upload

images

people with no prior knowledge

Portal for farmers

Interactive revolutionary user interface changes in to upload agriculture images

Pre-trained

model for

image

classification

Deep learning

mathematical

model for

detecting

diseases

field

detection and management of problem

Build keras

image

classification

model

Early

Category 3

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

They can find the diseases at early stages

Smart solution to solve the problem

Cost of using application is less

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

Better Admin can utilization of view the Website for Pre-trained Fertilizer recommended available recommendation model for fertilizer resources image through gmail classification Deep learning Interactive based user interface mathematical to upload model for They can images detecting find the diseases diseases at early stages Making revolutionary Instant Importance Useful to changes in If each of these solution people with tasks could get done without any difficulty or cost, which would have the most positive agriculture no prior field knowledge Cost of using Early It simplifies detection and the farmers application is management work of problem less

Feasibility







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.

Ouick add-ons

A Share the mural Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

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

Open the template

Customer experience journey map

Understand customer needs, motivations, and

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

Open the template

Share template feedback

10 minutes to prepare 1 hour to collaborate



