



Smart Sorting: Transfer learning for rotten fruits and vegetables

1

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

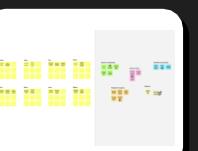
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

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.

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Need some inspiration?

See a finished version

of this template to

kickstart your work.

[Open example](#)

1

Define your problem statement

In agricultural, food industries, and in super markets, ensuring the quality of fruits and vegetables is crucial for both customer's safety and economic lossage. For the quality assurance, designing an effective system that can accurately classify the rotten items and healthy items

2

Brainstorm

- Developing a model using machine learning algorithms to classify the rotten and healthy fruits and vegetables
- As some machine learning algorithms consumes more time to classify, we can build the model using deep learning algorithms

Shaik Sania Mirza



Ravipudi Naga Nithin



Rentala Karthikeya



Rasamsetty Joshi Srikan



3

Group ideas

Shaik Sania Mirza and Rasamsetty Joshi Srikan have exhibited their ideas, "To build the model using the Deep learning technologies". For simplicity purpose, Rentala Karthikeya and Ravipudi Naga Nithin suggested "to build the model using Machine learning technologies". After a prolong discussion, finally our team decided to build the model using Deep learning technologies

4

Prioritize

After deciding to build the model using Deep learning technologies, the team has gone through about the various deep learning algorithms. at last, all of us prioritized "VGG16 Transfer learning model", that can cluster the rotten and healthy fruits and vegetables in an efficient way

