**1**

**Template**

## Define your problem statement

**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**

### 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**

**2**

## Brainstorm

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

**10 minutes**

**4**

## Prioritize

**20 minutes**

**3**

**Group ideas**

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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.

### 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.

**20 minutes**

**TIP**

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

## 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.

Mahamalini

Praveen Kumar Balaji

**A Team gathering**

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

**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.

A model to predict earthquacke,widefire,floos has been proposed

developed using deep learning techniques like multilayered deep convolutiin neural network

detect and classify the type of disaster with high accuracy rate

Al to deyect extreme events such asearthruakes

To classify the natural disaster

Necessary for the earlier classification

Many lives have been affect due to the natural disaster

**PROBLEM**

**How might we [your problem statement]?**

**TIP**

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

Karthik

AI can help response teams understand natural hazards, monitor events in real time

A natural disaster can causes loss of life and property

Cyclone Intensity calculation

naturally occuring events that cause problems to environment

**Quick add-ons**

Nature disaster affect the escosystem

# 

**B Set the goal**

Think about the problem you'll be focusing on solving in the brainstorming session.

This will reduce tha loss of life

Done by using deep Learning Techniques like CNN

**C Learn how to use the facilitation tools**

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

[**Open article**](https://support.mural.co/en/articles/2113740-facilitation-superpowers)

Large images are needed for better accuracy

Live image data are taken for classification

To reduce the effects a webpage is designed

Technical Aspects...

# 

It classifies the natural disaster based on the image

**Disaster like earthquake,flood,wildfire are classify using this model**

work with open CV

Deep Learning techniques have been applied

Natural hazards can also be provoker or affected by anthropogenic facors

Huge amount of dataset is needed for training

In particular (ML is playing an increasingly important role in disaster risk reduction

To carry out disaster analysis,twitter were used,where people share their views

using two-layer achitecture CNN to compare three object recog-nition techniques;linear support vector classification,linear discriminant analysis and softmax

With the help of neural network,to predict floods and save masses from disaster

Live Images can using webcam,and then tested

Classifies based on image

Reduce the loss of life

The forecasting of extreme events and the development of hazard maps to the detection

Scientists look for patterns in data to determine where and when natural disaster are likely to occur

AI can predict four types of natural disaster including Earthquakes

CNN-based simple feature extraction with a AlexNet single deconvolution (SFEwAN- SD)-based proposed approach helps develop a real time fire monitoring system

CNN model is used to extract flood images from raw images and color filters are used to refine the desired detection

The proposed system's efficiency and accuracy were tested on several detasets and it outperformed othrt methods to give the highest result

Live images can be captured using webcam,and then tested

create a user friendly GUI that helps classify the natural disaster

#### Share the mural

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

AI can help response teams understanding natural hazards,monitor events in real time

A large dataset is needed for the accurate model

T0 carrt out disaster analysis,twitter were used,wherw people share their views

#### Export the mural

Scientists look for patterns in data to determine where and when natural disaster are likely to occure

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**

Scientists look for patterns in data to determine where and when natural disaster are likely to occur

**10 minutes** to prepare

**1 hour** to collaborate

**2-8 people** recommended

This will reduce the loss of liufe

A large dataset is needed for the accurate model

**Key rules of brainstorming**

To run an smooth and productive session

Social Impacts...

#### Strategy blueprint

Define the components of a new idea or strategy.

Necessary for the earlier classification

#### [Open the template](https://app.mural.co/template/e95f612a-f72a-4772-bc48-545aaa04e0c9/984865a6-0a96-4472-a48d-47639307b3ca)

classifies based on image

Stay in topic. Defer judgment.

Earlier precaution measures

Reduce the loss of life

Encourage wild ideas. Listen to others.

**Importance**

#### Customer experience journey map

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

#### [Open the template](https://app.mural.co/template/b7114010-3a67-4d63-a51d-6f2cedc9633f/c1b465ab-57af-4624-8faf-ebb312edc0eb)

Go for volume. If possible, be visual.

People emotions

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

**Strengths, weaknesses, opportunities & threats**

Creat a user friendly GUI that helps classify the mural disaster

using two-layer achitecture CNN to compare three object recog-nition techniques;linear support vector classification,linear discriminant analysis and softmax

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

This will reduce the loss of life

#### [Open the template](https://app.mural.co/template/6a062671-89ee-4b76-9409-2603d8b098be/ca270343-1d54-4952-9d8c-fbc303ffd0f2)

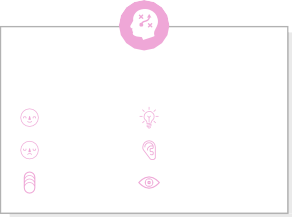
Image data needed for classification

Live images can be captured using webcam,and then tested

[people emotions on their beloved familities who lost their lives

people emotions on drastic diisaster

[**Share template feedback**](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)



Availability of resource...

people emotions on their beloved families who lost their lives

**TIP**

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

image data needed for classiification

enomous data is needed for classifying the image data

[**Share template feedback**](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)

**Feasibility**

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

**Need some inspiration?**

See a finished version of this template to kickstart your work.

[**Open example**](https://app.mural.co/template/e5a93b7b-49f2-48c9-afd7-a635d860eba6/93f1b98d-b2d2-4695-8e85-7e9c0d2fd9b9)