


Early Detection of Chronic Kidney Disease Using Machine Learning and Idea Prioritization Template

BRAINSTORMING

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Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



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.

🕒 10 minutes to prepare
🕒 1 hour to collaborate
👥 2-8 people recommended

[Share template feedback](#)

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

A 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 the brainstorming session.

C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →

1 Define your problem statement

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

How might we [your problem statement]?

Key rules of brainstorming

To run a smooth and productive session

Stay in topic.


Encourage wild ideas.

Defer judgment.

Listen to others.

Go for volume.

If possible, be visual.



Need some inspiration?

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

[Open example](#) →

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕒 10 minutes

TIP

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

ROBSI RANI

Collection of blood samples data

Representing the test data samples on data sheet

Collection of other kidney related test samples

Ordering the collected samples on data sheet

Analyzing family history of chronic diseases

SWATHI K

Ordering the collected samples based on risk priority

Splitting the dataset based on kidney disease cause

Splitting the dataset and determining accordingly

Categorizing the data based on sex, age

Storing the collected sample information on cloud

SUBASHINI V

Separating the dataset as trained set and testing set

Training set was applied to fit the parameters

Part of training set was used for validating

Visualizing the data by plotting the inputs

Determining obesity

MYTHILEE K L

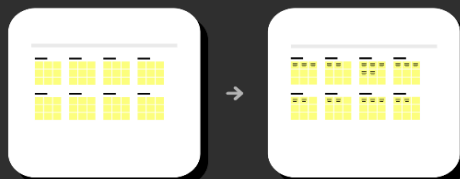
Statistically graphing the data based on test samples

Analyzing the test results for intermediate or advanced level treatment

Analyzing the data for individual if needed

Analyzing the test results for beginner level treatment

Analyzing patients with diabetes and high blood pressure



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 can break it up into smaller sub-groups.

🕒 20 minutes

Collection

Collection of blood samples data

Collection of other kidney related test samples

Representing the test data samples on data sheet

Ordering the collected samples on data sheet

Dataset Updation

Splitting the dataset based on kidney disease cause

Ordering the collected samples based on risk priority

Categorizing the data based on sex, age

Splitting the dataset and determining accordingly

Storing the collected sample information on cloud

TIP

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

Collection Processing

Separating the dataset as trained set and testing set

Training set was applied to fit the parameters

Part of training set was used for validating

Visualizing the data by plotting the inputs

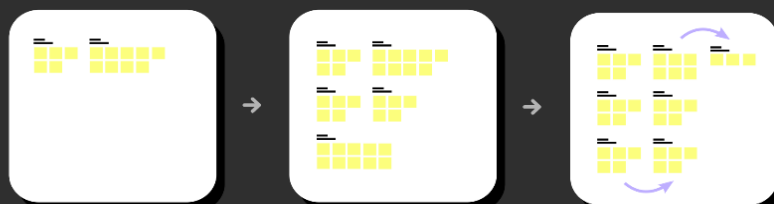
Data Analyzing

Statistically graphing the data based on test samples

Analyzing the data for individual if needed

Analyzing the test results for beginner level treatment

Analyzing the test results for intermediate or advanced level treatment



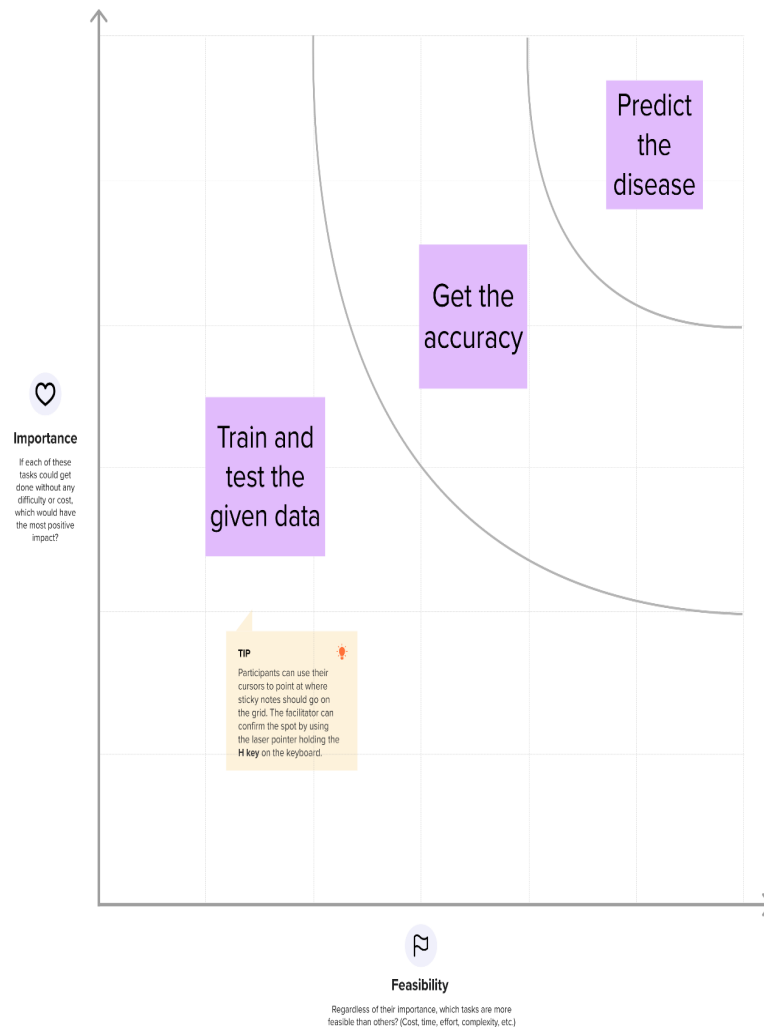
Step-3: Idea Prioritization

4

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.

🕒 20 minutes



→

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

- 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.
- B 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 →](#)

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