

Ideation Phase

Brainstorm & Idea Prioritization Template

Project Name

Early Detection of Chronic Kidney Disease using Machine Learning

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.




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

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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 build a model that predicts Chronic Kidney Disease ?

PROBLEM


What causes Kidney Diseases ?

PROBLEM

How will the Result Look like ?

PROBLEM

Which algorithm to use to predict CKD ?



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

VIBISHAA K J

By collecting details of an affected person and comparing it.

Algorithm that may give higher accuracy can be used in the model.

We have to collect relevant dataset and decide an approach.

VAISHAG S B

Check the family history of a person to identify any correlation.

Different algorithms can be tested to find the correlation between various attributes.

Discover patterns with the help of statistical/historical data and train the model to predict CKD.

PAVITHRA R

We can always motivate the people with even small symptoms to go for test.

An optimized algorithm can be framed once the approach is decided.

Encourage people to have a healthy diet and non-sedentary lifestyle.

SHIBU A

Based on certain diagnostic measures like Blood Pressure (Bp), Albumin(A).

The result of the prediction will be whether the person has CKD or not.

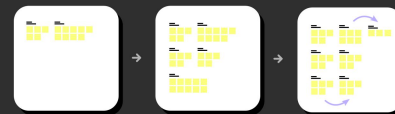
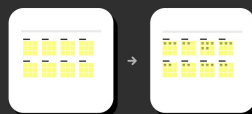
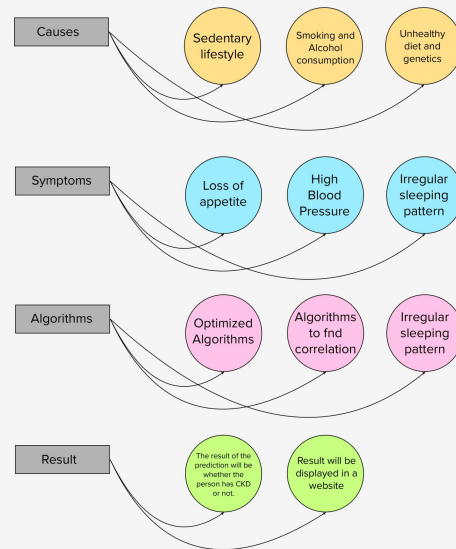
Smoking and excessive consumption of alcohol increases blood pressure and cholesterol.

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



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

