

Brainstorm & Idea Prioritization Template

Date	21 December 2025
Team ID	LTVIP2026TMIDS52620
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

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.

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.

Reference: <https://www.mural.co/templates/brainstorm-and-idea-prioritization>

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

Our team discussed different project ideas related to healthcare and data analytics. After evaluating multiple options, we selected Heart Disease Analysis as our problem statement.

Heart disease is one of the leading health issues worldwide. By analyzing patient data such as age, cholesterol level, blood pressure, and other medical attributes, we aim to identify patterns and major risk factors.

We decided to implement this project using Tableau to create interactive dashboards and generate meaningful visual insights.

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
3-5 people recommended

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

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

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

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

Open actions

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

How might we (solve problem statement)?

Key rules of brainstorming
To run an impactful and productive session

- Stay in scope
- Defers judgment
- Use for volume
- Encourage wild ideas
- Let others build on yours
- As possible, go visual

Step-2: Brainstorm, Idea Listing and Grouping

During brainstorming, we generated several ideas related to heart disease data analysis:

- Analyze the relationship between age and heart disease risk
- Compare heart disease occurrence between male and female patients
- Study the impact of cholesterol levels
- Analyze blood pressure trends
- Identify key risk factors contributing to heart disease

These ideas were grouped into demographic analysis and medical parameter analysis for better understanding.

1
Brainstorm
Write down any ideas that come to mind that address your problem statement.
⌚ 10 minutes

Tip:
Remember, more ideas is better at this stage. Capture everything that comes to mind.

Amar	Yashish	Person 3	Person 3
<ul style="list-style-type: none">• Heart disease is one of the leading causes of death worldwide.• Hospitals generate large amounts of patient data.• Manual analysis takes time and may cause errors.	<ul style="list-style-type: none">• Data analysis can help identify risk factors quickly.• Machine learning can improve diagnosis accuracy.• Important parameters: age, blood pressure, cholesterol, ECG results.	<ul style="list-style-type: none">• Visualization helps doctors understand data better.• Need to find the most important risk factors.• Improve decision-making with accurate data sets.	<ul style="list-style-type: none">• Visualization helps doctors understand data better.• Improve decision-making with accurate data.
Person 5	Person 6	Person 7	Person 8
<ul style="list-style-type: none">• Carry out exploratory data analysis first.• Need dataset with both healthy and heart disease cases.• Feature selection is crucial.• Monitor prediction accuracy regularly.	<ul style="list-style-type: none">• Compare different ML models.• Cross-validation to avoid overfitting cases.• Keep updating the model with new data.	<ul style="list-style-type: none">• Keep model lightweight for quick predictions.• Highlight the predicted risk score to doctors.• Provide actionable insights for treatment.	<ul style="list-style-type: none">• Ensure data privacy and security.• Avoid biased predictions through balanced data.• Preprocess data to handle missing values.

2
Group Ideas
Take turns sharing your ideas while clustering similar or related notes as you go. The aim is to group your ideas into clusters or themes like A, B, C, etc. If a cluster is bigger than sticky notes, try and see if you can break it up into smaller sub-groups.
⌚ 20 minutes

Person 4

- Identify top risk factors for heart disease probability.
- Use machine learning to accurately predict heart disease risk.
- Improve decision-making with accurate data.
- Develop a dashboard to visualize patterns, risk scores and important health parameters for doctors.

Person 5

- Carry out exploratory data analysis first.
- Need dataset with both healthy and heart disease cases.
- Feature selection is crucial.
- Keep updating the model with new data.

Step-3: Idea Prioritization

After reviewing all ideas, we prioritized the analyses that provide the most meaningful insights. We focused on:

- Identifying significant medical risk factors
- Comparing demographic factors such as age and gender
- Creating clear and interactive dashboards for easy interpretation

The final priority was to build a Tableau dashboard that effectively presents heart disease patterns and insights.

