

Ideation Phase

Brainstorm & Idea Prioritization Template

Project name	ai-enhanced intrusion detection system
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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.

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

➔

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 or prework 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 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

Accelerate Based Threat Detection
Develop an Organized list of
intrusion system capable of
detecting and responding to threats
detected in network traffic

24

Key rules of brainstorming

To run an inclusive and productive session:

- Stay in topic
- Encourage wild ideas
- Defer judgment
- Listen to others
- Go for volume
- If possible, be visual

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

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

10 minutes

Person 1

1. Deep Learning with Autoencoders for Anomaly Detection

2. Time-Series Analysis with LSTM (Long Short-Term Memory) Networks

3. Unsupervised Learning using Clustering Algorithms (e.g., DBSCAN, Isolation Forest)

TIP You can select a sticky note and to the pencil icon to select tools to start drawing.

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

TIP Add customisable tags to sticky notes to make it easier to link, browse, organise, and integrate related data as themes within your mural.

Data Collection and Preprocessing Team

2. Model Development Team

3. Evaluation and Testing Team

4. Deployment Team

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

TIP An important idea may also depend on some other sticky notes that you've already placed. The recorder can connect the dots by using arrows to show how they are linked in the storyboard.

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

- Share the mural**
Share a video link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- Export the mural**
Export a copy of the mural as a PDF or PNG to easily archive, include in docs, or save digital notes.

Keep moving forward

- Strategy blueprint**
Outline the components of a new idea or strategy.
[Open the template](#)
- Customer experience journey map**
Create a visual to understand customer journeys, 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](#)