

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	28 September 2022
Team ID	PNT2022TMID45501
Project Name	Crude Oil Price Prediction
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.

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

 <h2>Brainstorm & idea prioritization</h2> <p>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.</p> <p>🕒 10 minutes to prepare 🕒 1 hour to collaborate 👤 2-8 people recommended</p>	<p>➔</p> <p>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.</p> <p>🕒 10 minutes</p> <hr/> <p>A Team gathering Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.</p> <p>B Set the goal Think about the problem you'll be focusing on solving in the brainstorming session.</p> <p>C Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and productive session.</p> <p>Open article ➔</p>	<p>1</p> <p>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.</p> <p>🕒 5 minutes</p> <hr/> <div><p>PROBLEM</p><p>How might we [your problem statement]?</p></div> <div><p>Key rules of brainstorming To run an smooth and productive session</p><div><div>➕ Stay in topic.</div><div>💡 Encourage wild ideas.</div><div>⏸️ Defer judgment.</div><div>👂 Listen to others.</div><div>🗣️ Go for volume.</div><div>👁️ If possible, be visual.</div></div></div>
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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!

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

Mohammed Imran

Crude oil is a yellow-black natural occurring liquid
Found in geological formation beneath the earth surface
Fractional distillation process
The most important energy

Sanjay

Construct and design an output pattern
Parallely distributed with large number of nodes
Exactly identical to biological neural network
Activation function popularly known as transfer function

Balajayan

Usage of ranges up to 95 millionbarrels per day
Artificial neural network used for prediction of any data
Used to forecast the oil prices
Requires programming with specific rules

Habbebur Rahman

Crude oil prices are taken by proposed model
Using the proposed model to predict the closing price of oil
The dat sets are split into two parts
The optimal lag is obtained with the least RMSE values



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

