

## Ideation Phase


### Brainstorm & Idea Prioritization Template

|               |                            |
|---------------|----------------------------|
| Date          | 18 OCTOBER 2022            |
| Team ID       | PNT2022TMID04569           |
| Project Name  | Crude oil price prediction |
| Maximum Marks | 4 Marks                    |

#### Brainstorm & Idea Prioritization Template:


#### 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

 2-6 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 prework 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 Crude oil can be predicted? what are the ways to predict and impacts

PROBLEM

Demand on the other hand is determine by how much need there is for oil at a given time

PROBLEM

Supply and demand has to do with how much oil is available

PROBLEM

Dynamic in Nature

## 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 create a sticky note and to the central board to discuss it further later (if needed).

**DHARSAN**

|                |                           |                  |
|----------------|---------------------------|------------------|
| Price Detector | Technical Issue detection | Quality Detector |
|----------------|---------------------------|------------------|

**DHAMODHARAN**

|                              |  |                              |
|------------------------------|--|------------------------------|
| Deep learning using Analyser | Complex to predict the accuracy value of oil | Analyses the quantity of oil |
|------------------------------|--|------------------------------|

**DHARUNASH**

|                             |                                      |                                  |
|-----------------------------|--------------------------------------|----------------------------------|
| RNN using predict the price | Using Ordinal least square algorithm | Using Lasso regression algorithm |
|-----------------------------|--------------------------------------|----------------------------------|

**HARI PRASAD**

|                               |                               |  |
|-------------------------------|-------------------------------|--|
| Can be predict using Raw Data | Using Decision tree algorithm | GDP using exchange rates and domestic prices |
|-------------------------------|-------------------------------|--|

### 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.

30 minutes

**TIP**  
Get your team to agree on sticky notes to make a cluster in that cluster, organize, and rearrange the sticky notes as needed before your work.

|                               |                                      |  |
|-------------------------------|--------------------------------------|--|
| Technical Issue detection     | Quality Detector                     | Price Detector                               |
| Deep learning using Analyser  | Analyses the quantity of oil         | Complex to predict the accuracy value of oil |
| RNN using predict the price   | Using Ordinal least square algorithm | Using Lasso regression algorithm             |
| Can be predict using Raw Data | Using Decision tree algorithm        | GDP using exchange rates and domestic prices |

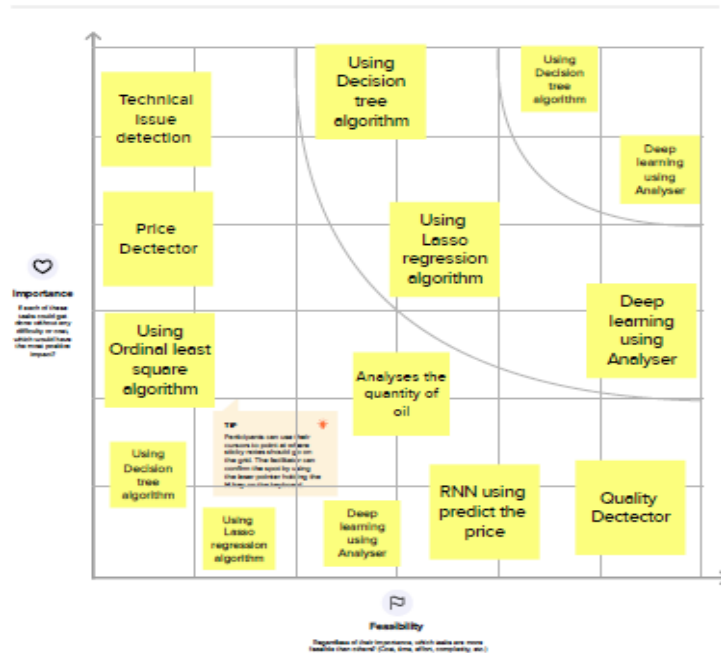
## Step-3: Idea Prioritization

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



5

### 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

- Show the mural**  
Share a view 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 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](#)

[Share template feedback](#)

Reference:

<https://app.mural.co/t/ibm7868/m/ibm7868/1663861374070/6ddc2f149c090361dade2b9d8336253361f26a29?invited=true&sender=u040bc10d1eec5bd6b07c6350>