

# Ideation Phase

## Brainstorm & Idea Prioritization Template


Project Name	Project - Crude Oil Price Prediction
Team	M.Reshma T.Divya A.Renuka Devi C.Rajashree R.Thaarani

### Brainstorm & Idea Prioritization Template:

Brainstorming a group problem-solving technique that involves the spontaneous contribution of ideas from all members of the group. 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



### 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.

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### 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 price predicted? How accurate the value we calculate using the algorithm?





### Key rules of brainstorming


To run an smooth and productive session


 Stay in topic.

 Defer judgment.

 Go for volume.

 Encourage wild ideas.

 Listen to others.

 If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

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

🕒 10 minutes

#### M.Reshma

Artificial Neural Network is used in the prediction process

Randomly we analysis the previous price and old prices

Sample and records of old data is very usefull

#### T.Divya

Predicted by using the raw datas

Both AI and machine learning technology is applied

create network with the professionals for the crude oil price prediton

#### A.Renuka Devi

Lot of data are gathered for the training of algorithm

in training the algorithm the result must be very close to price

Visualization is used for representing

#### C.Rajashree

Deep Learning also used for the process

we can add data continuously for the best reslut

Prices in the previous years are important

#### R.Thaarani

python is used for the whole development

implementing the algorithm which is more accurate

Every information and data are clearly gathering

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

### Basic Level

Predicted  
by using the  
raw data

Randomly we  
analysis the  
previous price  
and old prices

Prices in the  
previous  
years are  
important

Sample and  
records of  
old data is  
very usefull

Visualization  
is used for  
representing

Every  
information  
and data are  
clearly  
gathering

### Advanced Level

Artificial Neural  
Network is  
used in the  
prediction  
prosess

Both AI and  
machine  
learning  
technology is  
applied

in training the  
algorithm the  
result must be  
very close to  
price

we can add  
data  
continuously  
for the best  
reslut

implementing  
the algorithm  
which is more  
accurate

create network  
with the  
professionals  
for the crude oil  
price prediton

Lot of data  
are gathered  
for the  
training of  
algorithm

Deep  
Learning  
also used for  
the process

python is  
used for the  
whole  
development

## Step-3: Idea Prioritization

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### 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

