APPLIED DATA SCIENCE

TEAM DETAILS

Team No   : PNT2022TMID41492

PROJECT NAME   : Predicting the energy output of wind turbine based on weather condition

TEAM MEMBER

TEAM LEAD   :PRAVEEN .S
TEAM M1   :MOHANPRASANTH .M
TEAM M2   :SOWNDHARRAJAN .P
TEAM M3   :SATHISH .N
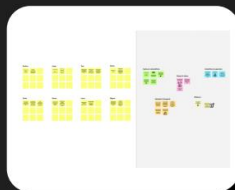
Brainstorm & idea prioritization

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

💬 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 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.

Open article →

Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →

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

A precise forecast needs to overcome problems of variable *energy production* caused by fluctuating *weather conditions*.

Key rules of brainstorming
To run an smooth and productive session

😊 **Stay in topic.**   💡 **Encourage wild ideas.**

😔 **Defer judgment.**   👂 **Listen to others.**

Go for volume.   👁 **If possible, be visual.**

2

Brainstorm

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

🕐 10 minutes

S.PRAVEEN

Random forest regression algorithm	wind energy incresing a supply of energy
wind energy more effeiency	output frame ia high

P.MOHANPRASANTH

wind energy has three method	it has two and more efficency
large rotor diameter allow wind turbine	hight is 94 meter

P.SOWNDHARRAJAN

it feet in 2016 has 150 meters	it same time 500 feets
the world leigest renewable wind	it has a more tower has 100 meter

N.SATHISH

the very small reduction	CEOE college of earth ocean environment
in biuilt in 2011 20`14	a center wind range on station

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 and break it up into smaller sub-groups.
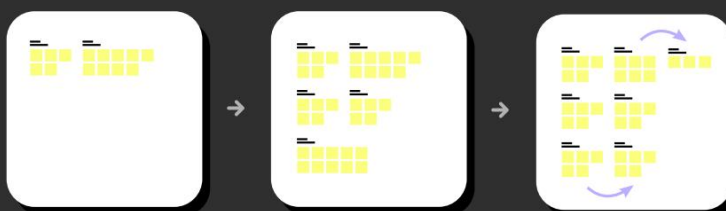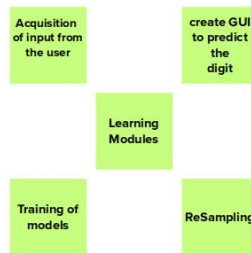
⏱ **20 minutes**

👥 Advantages

predicting a wind energy

power creates good paying job

it working peoplr overall 120000

wind poer cast effective

a cleaning and renewble energy source

Acquisition of input from the user

create GUI to predict the digit
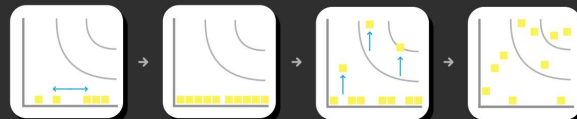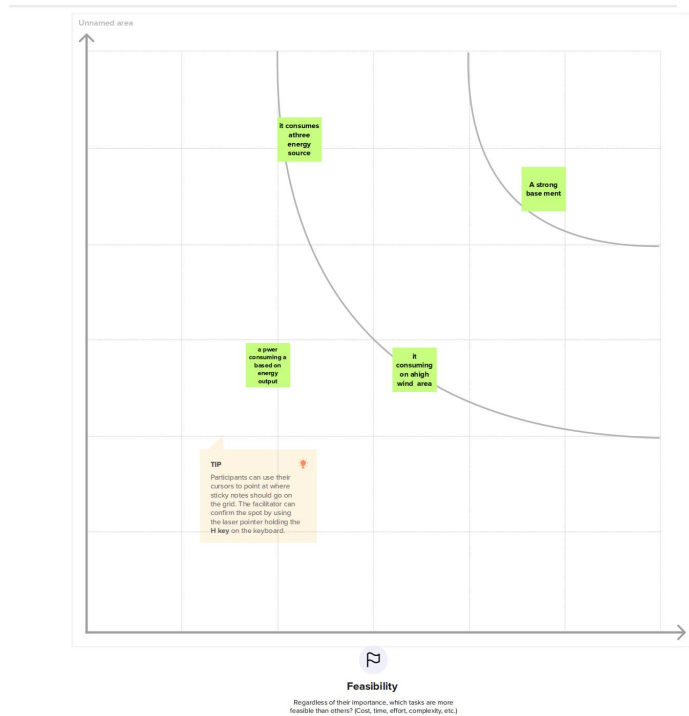
Learning Modules

Training of models

ReSampling

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

Unnamed area

It consumes athree energy source

A strong base ment

a pwer consuming a based on energy output

It consuming on ahigh wind area

TIP 💡

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

🚩

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

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

A Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B 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