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

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

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

In this problem we create a visualization dashboard about EV charging battery and charge range. We find the clear solution of Electric Vehicle to common people and also give a solution for battery technology industries.

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

EV CHARGE & RANGE ANALYSIS..
Group ideas for particular problem.

10 minutes

TIP
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

SHANTHA P

Electric vehicle's battery technology increased automotive market share.

EV batteries are projected to last between 100,000 and 200,000 miles, or about 15 to 20 years.

Types of Electric Vehicle:
1. Pure electric vehicle(EV)
2. Hybrid electric vehicles (HEV)
3. Plug-in Hybrid electric vehicles (PHEV)
4. Mild Hybrid Electric vehicles (MHEV)
5. Range extender EVs

Components of EV Charging Station - Power Electronics, Charge Controller, Network Controller, Cables

Indian Oil Corporation has 133 EV charging stations in Tamil Nadu. 101 EV charging stations in India spread across six cities. Maharashtra has the highest number with 471 charging stations.

As this problem provides us with quality, performance and other data for all vehicle manufacturing company, healthy competition arising among the companies.

MUTHURAMALAKSHMI S

China and Germany are the countries at the forefront of the transition to electric mobility

Simply plug your vehicle in at your home charger for 4-5 hours before you plan to go.

Electric Vehicles can covert around 60% of the electrical energy from the grid to power the wheels.

7,59,182 Electric Vehicles have been registered till now.

E-Amrit website helps to EV buyers in India. In India, Electric Vehicle's energy charge is **5-8.05/kWh.**

An Electric car generally uses **1 kWh** of energy to travel approximately **4.8** to **6.4.** kilometers.

SANTHANAMARI K

Electric car in India are priced 25-30 percent more than their petrol and diesel counterparts at the moment.

Lithium-ion batteries are the most common type of battery used in EV. Lead acid batteries are the cheapest option.

According to the survey, Millennials (ages 25-40)are most eager to go electric, followed by Gen z (ages 18-24). Boomers (ages 57-75) are the least likely to show an interest in buying an EV.

Electric Vehicle batteries only degrade at a rate of 2.3% of maximum capacity per years.

An Electric car generally uses 1 kWh of energy to travel approximately 4.8 to 6.4 kilometers.

The top EV producers in India are Tata Motors, JBM Auto, Mahindra Electric mobility, Hyundai, etc.,

SRIDEVI S

Don't keep the vehicle battery completely full or empty. Check the vehicle batteries regularly.

In 2022,
e-2-Wheelers sales 8,58,923.
e-3-Wheelers sales 9,53,151.
e-4-Wheelers sales 52,898.

Tamilnadu's Electric Vehicle policy launched in 2019.

Electric cars range is 200-490km per charge.

EVs are some of the top-rated cars for safety and are less likely to catch fire compared to gas cars.

In India, minimum price of Electric Vehicle is Rs.12.49 lakhs. Maximum price of EV is Rs.1.95 Crore.

3 Group ideas

ELECTRIC VEHICLE CHARGE & RANGE ANALYSIS..
Sticky notes for particular problem.

20 minutes

Price....

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Prioritize

EV CHARGE & RANGE ANALYSIS..
Importance and feasibility .

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

Need some inspiration?
See a finished version of this template for kickstart your work.
Open example