Ideation Phase Brainstorm & Idea Prioritization Template

Date	11 November 2023
Team ID	Team-591780
Project Name	Car Purchase Prediction Using ML
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

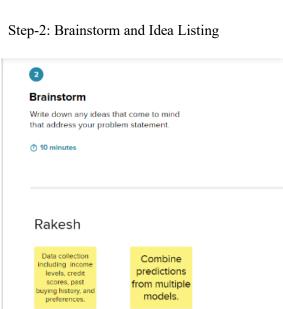
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, 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.

Reference: https://www.mural.co/templates/empathy-map-canvas

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





Collection of feedbacks from the persons who are already used a product.

models.

Collaborate with industry experts, car dealerships, or market analysts.

Sandeep

Account for cultural and regional differences in car-buying behavior.

Collect the data of new arraivals into the market.

Gather preferences, economic conditions, and cultural influences

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

Show the detailed information of features of a car.

Amarnath

specifications of a car through different technologies like 3D etc.

collected data securable.

Establish a system for continuous monitoring of the model's performance in the real world.

Maintain the

factors such as economic indicators,fuel prices and interest rates.

Hari Krishna

Explore clustering techniques to segment customers based on their buying behavior.

Create an user interface where users can input their details of different models.

Implement updates based on new data or changing trends in car purchases.

> Encode categorical variables and normalize numerical features.

Step-3: Group Ideas



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.

1) 20 minute

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Implement time series analysis to predict market trends and fluctuations in car purchases.

Include features that predict the maintenance needs of a car based on historical data.

Incorporate
sentiment analysis of
social media data to
gauge public opinion
on car models or
brands.

ImpleIment customer segmentation may useful to first-time buyers,luxury car enthusiasts.

Step-4: Idea Prioritization 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. Implement customer segmentation to tailor predictions to different user groups. Gather Collaborate with preferences, industry economic experts, car conditions, and dealerships, or cultural influences market analysts. from customers Feasibility Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)