


Ideation Phase Brainstorm & Idea Prioritization

Date	29 October 2022
Team ID	PNT2022TMID49030
Project Name	Car Resale value Prediction
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:

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


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

Team gathering

Unleash ideas by gathering in the session and come up with a shared understanding to generate ideas.


Set the goal

This session is a problem-solving tool for solving the problem in the business or service.

Learn how to use the facilitation tools

Use the Facilitator or Scribe points to run a happy and productive session.


Open office




Define your problem statement


The problem statement is to consider the main factors which would affect the resale value of a vehicle and to build a regression model that would give the optimal resale value of the vehicle.


15 minutes


Problem


How might we predict the resale value of a car?


Key rules of brainstorming


Stay on topic

Encourage wild ideas

Enter a comment

Join to discuss

Go to details

Specify the value

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

Nabil Ahamed H

Understand the problem	Check for similar datasets	Identify preprocessing technique
Analyze the UI	explore deployment processes	can the accuracy be increased
Understand the visualization techniques	explore the working procedures of ANN	Discuss with use mechanics to get an idea

Suhaanjith TS

Understand the problem statement defined	Understand the different types of a graphs	Explore and find the suitable dataset
Preprocess the dataset using suitable techniques	Explore about ANN model	Identify different layers that can be added
Preprocess or dataset, its nature of graphs, extract its structure	Explore about model building and deployment process	Analyze the result and visualize it

Gobhinath I

To find appropriate dataset and understand it	Explore different use cases for solutions	Identify the needs for the model and building it
Train and evaluate the model for different cases	Implement the model	Check for increase in accuracy
Visualize the process curve for the model in accuracy line	Analyze other options and steps	Implement it for final results to show of its better way

Avinash R

Analyze the problem Statement	Study ANN model and get a good idea	Check for other similar problem statements
Import the Suitable dataset	To implement the Model	Train the model
To check different ways to coded layers	Analyze the different case of layers	Check for other business solutions

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

Working with Model

can the accuracy be increased	explore the working procedures of ANN	Identify the needs for the model and building it
Train and evaluate the model for different cases	Implement the model	lowly different ways that can be better
There is a number of business solutions	Explore about model building and deployment process	Study ANN model and get a good idea
To implement the Model	Train the model	To check different ways to add layers

Dataset

Check for similar datasets	To find appropriate dataset and understand it	Explore and find the suitable dataset
Preprocess the dataset using suitable techniques	Import the Suitable dataset	

Visualization

Analyze the data and visualize it	Understand the visualization techniques	Visualize the process curve for the model in accuracy line
Analyze the UI		

Accuracy

can the accuracy be increased	Check for increase in accuracy	There is a number of business solutions
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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

