

## Ideation Phase

### Brainstorm&Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID08828
Project Name	Car Resale Value Prediction
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.

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

1

##### Define your problem statement

To prepare a an intelligent, flexible, and effective system that is based on regression algorithms to predict the resale value of a car.

🕒 5 minutes



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

2

### Brainstorm

Ideas proposed by each team member

🕒 10 minutes

#### Team lead

Establish  
Parameters

Fit  
regression  
curves

Visualization  
Plots for  
parameters vs  
price

Try  
Ensembling  
of models

#### Member 1

Eliminate  
irrelevant  
parameters

Include  
consensus  
opinion

Exclude  
outliers

K-fold cross  
validation  
testing

#### Member 2

Use web-  
scraping to  
extract  
datasets

Prerprocess  
data

Use IBM  
Watson

Use  
React.js

#### Member 3

Selenium  
python  
package for  
automation

Backend in  
NoSQL(MongoDB)

Scikit Learn  
package

Keep  
environment  
factors in  
mind

## 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

