Brainstroming session

Car Resale value Prediction

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
To classify and analyse the resale value of used cars using Machine Learning

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

2 Brainstorm

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

🕐 10 minutes

Thaniyeal
- Which is the oldest algorithm for training the system
- what is the current number of owners
- Does the proposed model achieve high accuracy value?
- Check whether the car is in same value as registered
- Collect the fuel type of the car
- Varify insights from previous models

Thavanish
- Increasing efiency by various approach
- Using Machine learning to utilize data and the less common datas of a car can more accurately predict the value of car
- The owner of machine learning is increase as past data to predict future price
- Check if the air conditioner working properly
- Check any electrical work

Natheem
- Scattered plot chart is used for better understanding
- Time intution is used for more and display the common distance of a car according to user's input
- Data cleaning and wrangling methods also used
- Check the car have a native registration
- Check the car drive distance of the car (in metric system)
- Check if the car have a service record

Rajkumar
- Using Regression Algorithms
- Using Time Series analysis and projection
- Check if the car have a native registration
- Check the battery health
- Check if the car have any car charges
- Check if the car have a service record

3 Group ideas

Use this space to group similar ideas from the brainstorm. Each group should have a title that describes what the ideas have in common. If a group is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 20 minutes

Grouping based on the model

- By using regression technique the resale value of car can be predicted
- Collect the information or details of the car
- Using Time series analysis and projectiles

Grouping based on the dataset

- Use large amount of high quality dataset
- Data cleaning and wrangling methods are used
- Verify the insights from previous models

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

Importance
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

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

Grid items: Retirement level, Battery Health, Engine Type, Air Conditioning features, Life Span, Insurance status, Mileage and fuel type, Sensor to decrese maintenance cost, Gear and transmission type, Ownership status, Fitness Certificate, Air bag availability, Cruise control, Braking and features