IDEATION

<u>Team Members:</u>

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<u>MEMBER 1:</u>

- Car Prediction using an image.
- By using exterior and interior images of the car.
- The value will be predicted based on the appearance of the car. If there is any damage or n number of scratches the car's resale value will be quite affected.
- By using a neural network value of the car can be predicted
- Neural network algorithm is developed by considering the human brain that takes a set of the unit as input and transfers results to a predefined output

<u>MEMBER2:</u>

- The main objective of this project is to predict the Prices of used cars, compare the **prices** and also estimate the life span of a particular **car.**
- Insurance, Company claims, etc
- Regression Algorithm is used to predict the value.
- Regression model based on k-nearest neighbour machine learning algorithm was used to predict the price of a car.

<u>MEMBER 3:</u>

- Car prediction using engine condition.
- user should Upload engine Sound in the format of the audio file.
- By using the Convolutional Neural Networks methodology price can be predicted.

- CNNs for Machine Learning on sound data by spectrogram approach that just converts each song (or song segment) into a spectrogram: a twodimensional matrix

MEMBER 4:

- Economic Conditions.
- Kilometres Covered.
- Its mileage (the number of kms it has run) and its horsepower
- Car prediction using XGBoost algorithm accurate result will be monitored.
- XGBoost as a regression model gave the best MSLE and RMSLE values.