BRAINSTORM AND IDEA PRIORITIZATION

1 Define your problem statement

5 minutes

CAR RESALE VALUE PREDICTION

PROBLEM

To predict the accurate car resale value price using machine learning techniques

2 Brainstorm

10 minutes

NAFISHA NIFASATH S

- The system works on the trained dataset of the machine learning program that evaluates the precise value of the car.
- Distance travelled by the car can be used for prediction
- Quotation of the car must be provided to the users
- A web application using flask can be developed to integrate the model

LALITHA KUMAR M M

- Finding drawbacks in existing solutions
- Random forest regressor can be used
- Analyze various data sources for a wide range of data
- Chatbot can be added for user's queries

SHRAVAN SHANKAR R

- Prediction can be made by using the images of the car uploaded
- Provide search results based on the filters specified by user
- Support vector regression can be used
- Suggestions based on closest location of the seller

HRITHIK KUMAR S

- Engine condition can be considered for value prediction
- ANN can be used for prediction
- Best accuracy must be ensured while choosing algorithms
- Simple UI can be made

3 Group ideas

20 minutes

BASED ON FACTORS TO BE CONSIDERED

- Distance travelled by the car can be used for prediction
- Engine condition can be considered for value prediction
- Mileage and the life of car can be considered
- Prediction can be made by using the images of the car uploaded

BASED ON MODELS THAT CAN BE USED

- Random forest regressor can be used
- Support vector regression can be used
- ANN can be used for prediction

BASED ON USER EXPERIENCE

- Simple UI can be made
- Suggestions based on closest location of the seller
- Quotation of the car must be provided to the users
- Chatbot can be added for user's queries
- Provide search results based on the filters specified by user
- A web application using flask can be developed to integrate the model

4 Prioritize

20 minutes