

## **Car Resale Value Prediction-Ideation**

1) The buyer wants to buy a car for an affordable price due to budget constraints. There will also be sellers who want to get the best deal for their used car.

2) Features a buyer will look for in their next car:

- >Appearance of the car
- >Engine quality
- >Mileage
- >Tyre Quality
- >Service Records
- >Insurance availability
- >RC transfer

3) **Proposed Solution:**

-> Using deep neural networks and prediction algorithms to find the car resale value.

->The statistical parameters such as Engine life, mileage,etc are dependent,we use Monte Carlo optimization coupled with back propagation.

-> Few other solutions or options would include bootstrapping existing models and fine tune the missing elements and find the best performance.