

CAR RESALE VALUE PREDICTION

PROBLEM STATEMENT:

Mr.D.karthi is 43 year old, who is travelling to his office through his Car for past 11 years. Also he uses his car to travel to visit his client in various places. In last 3 months, he serviced his car for twice. But still his car condition is not Good and Feeling uncomfortable while driving.

- Karthi wants to sell his car with good rate.
- He had lost more money for servicing his car.
- This problem is usually faced by many people.
- Vikram wants to know the solution for the problem.

| | |
|--|--|
| Who does the problem affect? | Person who sells his car. |
| What are the boundaries of the problem? | Person who sells his car due to poor performance. |
| What is the issue? | Person who doesn't know how much the car will be resold according to its performance and usage. |
| When does the issue occurs? | During the selling of his Car to any Agents. |
| Where does the issue occurs? | The issue occurs in the used car selling and buying Showrooms. |
| Why is it important to fix the problem? | It is required for understanding the analysis and at which value his car will be bought by agent. |
| What solution to solve this issue? | An automated system is introduced to Analyse the Car usage and predict the best value to sell the car. |
| What methodology used to solve this issue? | Multiple linear regressions and KNN algorithms are used to predict the resale value of the car |