# CAR EVALUATION

CAR PRICE PREDICTION

Why are cars a necessity ?

How much should you spend on a car ?

What are the factors you need to consider before buying a car ?

# Problem Specification:

Automobile companies and resellers want to understand the factors that are affecting the pricing of pre-owned cars.

The need of automating the selling and buying process of pre-owned cars.

# Insights into the dataset:

## Dependent Variable:

- Price

## Independent Variable:

**Numerical variables:**
- Levy , Production Year, Engine volume, Mileage, Cylinders, Doors, Air bags.

**Categorical variables:**
- manufacturer, model, Category, Leather interior, Fuel type, Gear box type, Wheel, color.

# Predictive analysis:

- **Decision Forest Regression**

- **Boosted Decision Tree Regression**

- **Linear Regression**

# THANK YOU

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