Cars

About Data:

- The autos.csv dataset is a comprehensive collection of valuable data about used cars, and provides insight into how the cars are being sold, what price they are being sold for, and all the details about their condition.

- Each ad contains information such as dateCrawled (the date the ad was first seen), name of the car, seller type (private or dealer), offer type, price, A/B testing information , vehicle type, year of registration (at which year was the car first registered) , gearbox type, power output in PS (horsepower) , model of car , howmany kilometers has it driven so far , monthof registration(when it was first registered)(essentially giving us an idea about its age), fueltype utilized by it(petrol/diesel /electricity/lpg etc.), brand name to which it belongs to notRepairedDamage - if there is any damage on the vehicle that has not been repaired yet. DateCreated gives us information when this particular advertisement was created in ebay or other place where these cars can be posted.

- The nrofpictures field will give you an estimate regarding how many images have been included with this ad and postalcode contain info regarding area code where car have been posted.. Lastly lastseen give us time estimation when a crawler last scan this particular post online .All these factors are instrumental in determining a suitable price for used vehicles . Meanwhile regression analysis based on average prices related to years can be done from this dataset .

•dateCrawled: Date the car was crawled. (Date)

•name: Name of the car. (String)

•seller: Type of seller (private or dealer). (String)

•offerType: Type of offer (e.g. sale, repair, etc.). (String)

•price: Price of the car. (Integer)

•abtest: Test type (A or B). (String)

•vehicleType: Type of vehicle (e.g. SUV, sedan, etc.). (String)

•yearOfRegistration: Year the car was registered. (Integer)

•gearbox: Type of gearbox (manual or automatic). (String)

•powerPS: Power of the car in PS. (Integer)

•model: Model of the car. (String)

•kilometer: Kilometers the car has been driven. (Integer)

•monthOfRegistration: Month the car was registered. (Integer)

•fuelType: Type of fuel (e.g. diesel, petrol, etc.). (String)

•brand: Brand of the car. (String)

•notRepairedDamage: Whether or not the car has any damage that has not been repaired. (String)

•dateCreated: Date the car was created. (Date)

•nrOfPictures: Number of pictures of the car. (Integer)

•postalCode: Postal code of the car. (Integer)

•lastSeen: Date the car was last seen. (Date)

- So grab your laptop get ready !!!

- - Lets start !!!
- - Step 1: Load the data
- - Step 2: Read the Data and the domain
- - Step 3: Data Preprocessing
- - Step 4: Feature Extraction
- - Step 5:Build your own Model