Pre-owned Car Details

Case Study

Pre-owned Car Details

Storm Motors is an e-commerce company who act as mediators between parties interested in selling and buying pre-owned cars.

For the year 2015-2016, they have recorded data about the seller and car including-

Specification details

Condition of car

Seller details

Registration details

Web advertisement details

Make and model information

Price

Come up a with a problem statement and a possible solution of your own in not more than 5 slides.

Pre-owned Car Details

Variables Description

Total size :50000 x 19

Data file : cars_sample.csv

Variables (in order as in dataset)	Description
dateCrawled	when this ad was first crawled, all field values are taken from this date
name	string consisting of car name, brand, model etc
seller	private, commercial
offer Type	offer, request
price	price on the ad to sell the car ($)
abtest	test, control
vehicle Type	types – suv, coupe, limosine,bus…..6 more.
yearOfRegistration	in which year the car was first registered

Pre-owned Car Details

Variables Description

Total size :50000 x 19   **Data file : cars_sample.csv**

Variables (in order as in dataset)	Description
gearbox	manual or automatic
powerPS	power of the car
model	type of model
kilometer	how many kilometer has the car travelled
monthOfRegistration	The month of registration
fuelType	types – petrol, diesel, lpg, cng, electro, hybrid.
brand	type – bmw mercedes, ford, audi… etc
notRepairedDamage	Yes or No

Pre-owned Car Details

Variables Description

Total size :50000 x 19　　　　　　　**Data file : cars_sample.csv**

Variables (in order as in dataset)	Description
dateCreated	date for which the ad at storm motor was created
postalCode	postal code of the personal given the ad
lastSeen	when the crawler saw this ad last online

Pre-owned Car Details

- ***Specification details-***
  - ◦ ***Gearbox***
  - ◦ ***Power***
  - ◦ ***Fuel Type***

- ***Condition of car-***
  - ◦ ***Not Repaired/Damaged***
  - ◦ ***Kilometer***

- ***Seller details-***
  - ◦ ***Seller***
  - ◦ ***Postal Code***

- ***Registration details-***
  - ◦ ***Year of Registration***
  - ◦ ***Month of Registration***

Pre-owned Car Details

- ***Make and model-***
  - ◦ ***Brand***
  - ◦ ***Model***
  - ◦ ***Vehicle Type***

- ***Advertisement details-***
  - ◦ ***Date Crawled***
  - ◦ ***Name***
  - ◦ ***Abtest***
  - ◦ ***Date Created***
  - ◦ ***Last Seen***
  - ◦ ***Offer Type***

- ***Price***