

information about used cars listed on www.cardekho.com

Name: Nasser Rashed Alquraini

DataURL:

<https://www.kaggle.com/nehalbirla/vehicle-dataset-from-cardekho?select=Car+details+v3.csv>

The screenshot shows the iSeeCars website interface. The top navigation bar includes links for Used Cars, New Cars, Research, and VIN Lookup. The main header area displays the search results for "Subaru Outback For Sale in Boston, MA". On the left, there is a sidebar with various filters: Zip Code (02101), Radius (50), Make (Subaru), Model (Outback), Year (Min to Max), Price (Min to Max), Mileage (Min to Max), and Dealer Rating (Any, 5 stars or more, 4 stars or more, 3 stars or more, 2 stars or more). The main content area shows a list of 1-15 of 501 cars found. Each car listing includes a thumbnail image, the year and model (e.g., 2017 Subaru Outback 2.5i Limited), the price, mileage, and dealer rating. The prices range from \$9,895 to \$22,284. The dealer ratings are mostly 5 stars or more. The page also includes a "Recent Studies" section at the bottom left.

About this Data:

This dataset contains information about used cars listed on www.cardekho.com

This data can be used for a lot of purposes such as price prediction to exemplify the use of linear regression in Machine Learning.

Columns Description:

Name	The name indicates the name of the car and the model.
Year	It indicates the year of manufacture.
selling_price	Indicates the quoted price of the car.
km_driven	The number of kilometers traveled by the car.
Fuel	Indicates the type of vehicle fuel, diesel or petrol.
seller_type	Indicates who is the seller of the car, an individual or a company.
Transmission	Indicates the type of vehicle manual or automatic.
Owner	Shows the number of people who own the car.
Mileage	Indicates the number of miles the car has traveled.
Engine	Shows what type of engine the car has.
max_power	Indicates the maximum power of the vehicle.
torque	It shows the torque that the car has.
Seats	The number of seats in the car.

Tools:

- Pandas for data manipulation.
- Scikit-learn for modeling.
- re for clean data.
- Matplotlib for plotting.
- streamlit for interactive visualizations.
- powerpoint.

Questions:

1-What are the most popular cars on the market, Diesel or Petrol?

2-What kind of car is the highest offer for sale?

3-What are the most popular cars, Manual or Automatic?

4-What types of cars can carry the largest number of passengers?

5-The car with the most kilometers?

6-What is the most sold year for cars?