**CARDEKHO**

**INTRODUCTION**

This report presents a comprehensive analysis of data sourced from the *Car Dekho* app. The primary objective of this analysis is to uncover key insights, trends, and patterns within the dataset, providing valuable information for both consumers and industry stakeholders

**DATA OVERVIEW**

|  |  |
| --- | --- |
| Field | Type |
| Name | text |
| year | int |
| selling\_price | int |
| km\_driven | int |
| fuel | text |
| seller\_type | text |
| transmission | text |
| owner | text |
| mileage | int |
| engine | int |
| max\_power | float |
| torque | float |
| seats | int |
| company | varchar(100) |
| mileage\_data | varchar(50) |
| km\_driveninfo | varchar(50) |
| current\_date1 | date |

**Insight**

* 7909 total vehicle
* 3523 petrol vehicle,4298 diesel vehicle,1 electric vehicle,52 CNG vehicle
* 5222 first owner vehicle,2015 second owner vehicle,513 third owner vehicle,159 fourth owner vehicle
* 1109 vehicle selling through dealer,6564 vehicle through individual
* 118 vehicles selling prize is above 50 lakhs (BMW,Audi,Lexus,Mercedes-Benz,Volvo)
* Volvo XC90 T8 Excellence BSIV is the car with highest selling price #1 crore
* Maruti 800 AC is the car with lowest selling price #29999
* 359 vehicles are selling above 20 lakhs
* 46 vehicles are selling below 50 thousand
* Hyundai i20 Asta 1.2 is the highest driven car
* Maruti Eeco 5 STR With AC Plus HTR CNG is the lowest driven car
* num of 4 seater=133
* num of 5 seater=6259
* num of 6 seater=62
* num of 7 seater=1120
* num of 8 seater=235
* num of 9 seater=80
* num of 10 seater=19
* cars of maruti have lowest selling price
* cars of lexus have highest selling price
* less mileage for vehicles of landrover
* high mileage for vehicles of lexus
* ambassador has low power
* lexus has high power
* lower selling price for less driven cars
* most of the cars are maruti
* After deleting duplicates we got 6722 vehicle data
* there is 6145 manual vehicles and 577 automatic vehicles
* Sorting cars in different year categary

2020 and above - 658

Between 2020 and 2012 - 4261

2012 and below - 1803

This data helps to understand that people are trying to sell cars that are 5-10 years old

* The average mileage of automatic versus manual cars

Manual – 19

Automatic – 15

**CONCLUSION**

The data highlights Maruti's dominance in the market, particularly for fuel-efficient and single-owner cars. The market continues to favor traditional fuel types, with a growing interest in alternative fuels. Pricing trends reflect the typical depreciation of vehicles with multiple owners, while mid-range cars remain the most popular segment. The platform primarily serves individual sellers, with a preference for vehicles that are 5-10 years old, manual transmission, and first-owner. This information can help the CarDekho app refine its user offerings and marketing strategies to better cater to consumer preferences.