

DATA ANALYTICS ON CARS24 DATASET

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INTRODUCTION:

- Dataset and Objective –

- The Cars24 dataset is a treasure trove of information sourced directly from the platform, capturing crucial details about pre-owned vehicles, transaction histories, and user interactions. This dataset is more than just numbers; it's a key to unlocking a deeper understanding of the used car market.

- Significance –

- The significance of the Cars24 dataset lies in its ability to provide valuable insights and drive informed decision-making within the used car market.

DATASET OVERVIEW:

- **Dataset and Overview -**

The Cars24 dataset serves as a comprehensive repository of information related to used cars within the platform. It encompasses key details such as car make, model, year, pricing, and transaction history. The Cars24 dataset plays a pivotal role in understanding the used car market, optimizing operations, and shaping the platform's future direction.

METHODOLOGY:

- The process involves understanding key variables, conducting exploratory data analysis, and cleaning/preprocessing data to ensure accuracy. Utilizing visualization tools, the team generates meaningful representations for interpretation.

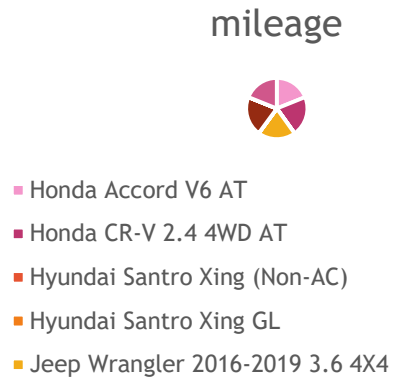
INSIGHTS:

- **Insight No. 1 - Average Selling Price**
 - Average selling price in cars24 database.
 - List of the car models with their corresponding average selling price.

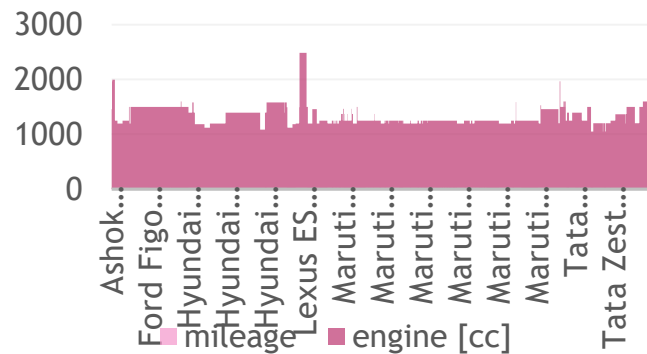
- **Insight No. 2 - Comprehensive Car listing Insights**
 - Car model
 - Manufacturing Year
 - Owner Information

- **Insight No. 3 - Top 10 Car Models from 2015**
 - Manufacturing Year(2015)
 - Model Name
- **Insight No. 4 - Exploring Car Models And Manufacturing Years**
 - Car Models Listed in 2017
 - Manufacturing year
- **Insight No. 5 - Exploring Minimum selling Prices Of Car Models in 2016**
 - Minimum Selling Price
 - Manufacturing year

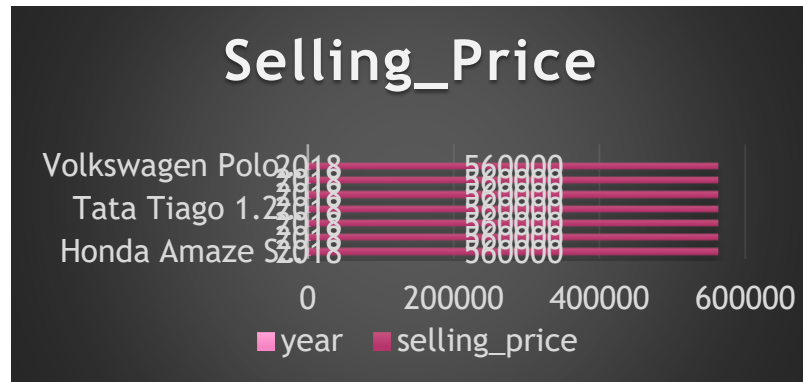
- Insight No. 6 - Car Models with Mileage Below 10.2



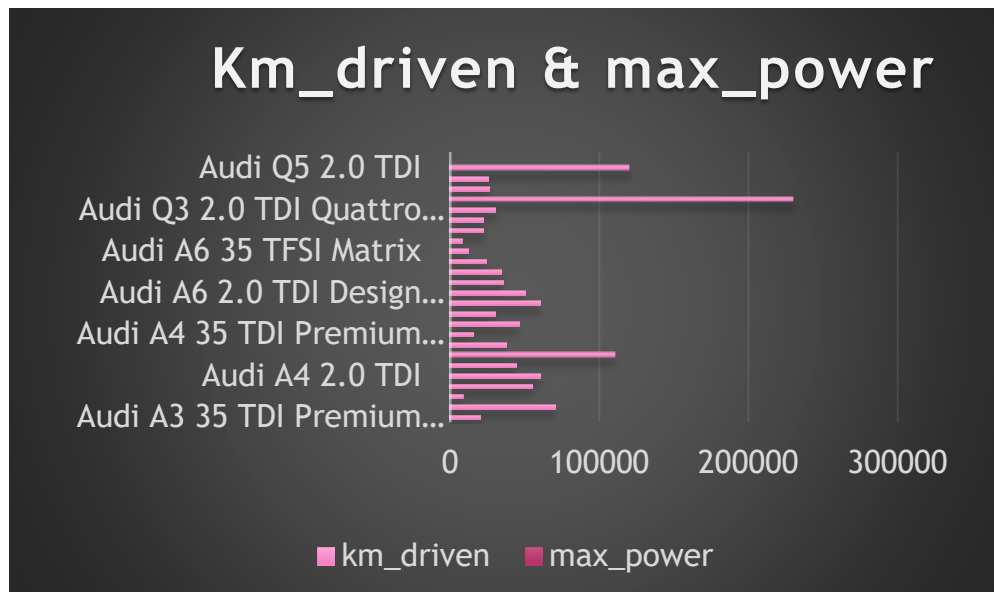
- Insight No. 7 - Car Models with Engine Size > 1000cc and Mileage > 20
- Engine capacities above 1000cc.
- Mileage exceeding 20.



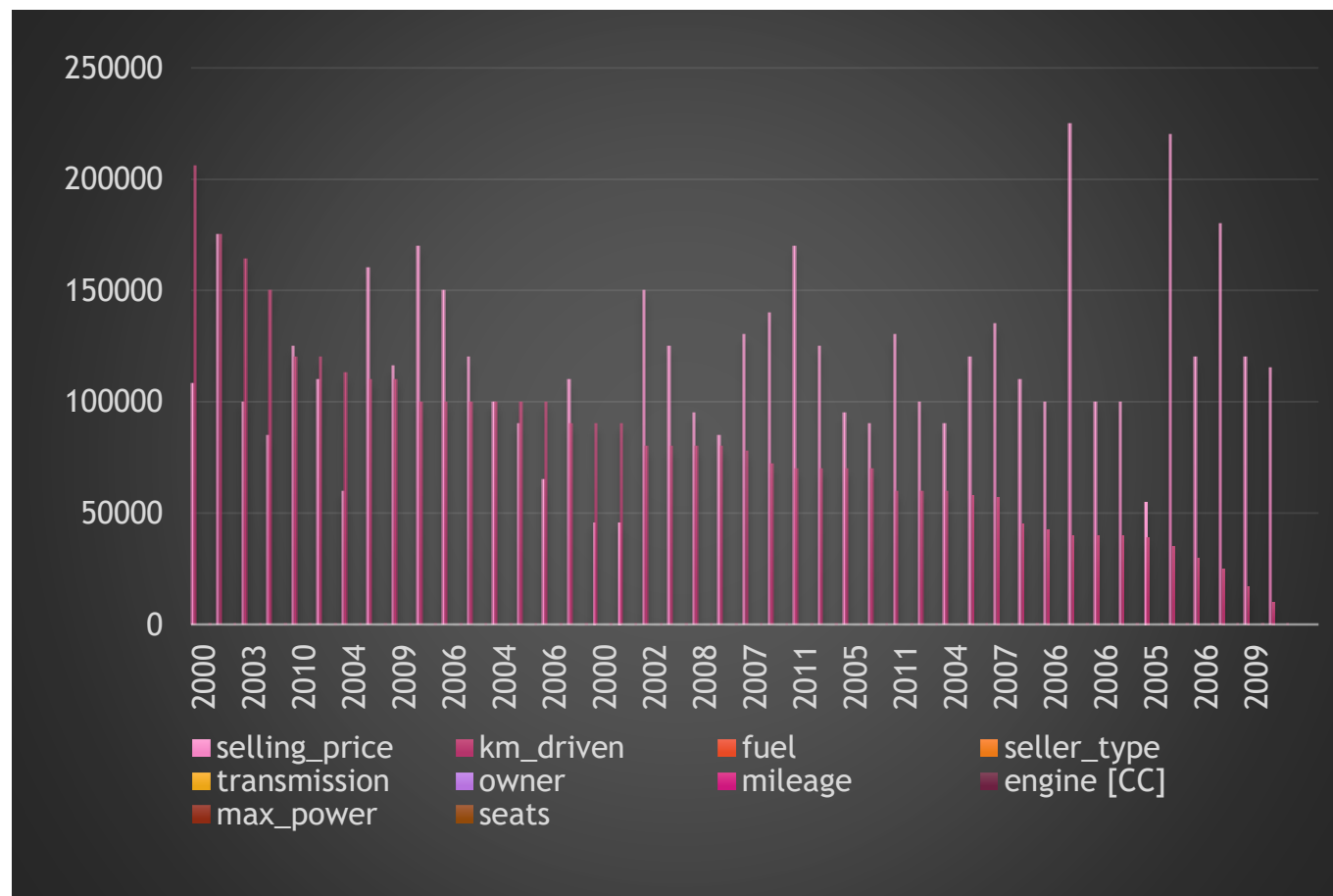
- **Insight No. 8** - Top 10 Car Models from 2018 Priced at 560,000



- **Insight No. 9** - Car Models with Power Over 100HP
- Maximum Power Above 100



- **Insight No. 10** - Detailed Information on Maruti Alto Lx
- Car model - 'Maruti Alto Lx'



CONCLUSION:

- In conclusion, Cars24 stands as a transformative force in the used car market, providing a user-friendly platform backed by robust data analytics. The dataset offers valuable insights into market trends, user behavior, and transaction dynamics. With continuous innovation and a commitment to enhancing user experience, Cars24 is poised for sustained growth.
- As we conclude, the dataset stands as a cornerstone for shaping the future of Cars24, a key driver in adapting to market dynamics and delivering unparalleled value to users.

FUTURE WORK :

- Cars24 envisions a future marked by continuous improvement and innovation. Cars24 is committed to staying at the forefront of the used car market, ensuring sustainability, and delivering unparalleled value to users.

Thank you !!

