

Medizintechnik
Made in Bietigheim-Bissingen



Germany Vehicle Market

Basic requirements

- All work and analysis should be committed to git repository (github, gitlab or bitbucket)
- Use the appropriate tools and programming language such as Jupyter Notebook, Python, R, SQL, etc.
- Provide some form of documentation or slides to present the findings (such as Jupyter notebook, words document, pdf or powerpoint slides).

Problem statement

As electric vehicles (EV) are becoming more affordable and assessible to consumers, the consideration for purchase of EV over internal combustion engine (ICE) is increasing.

Using the data from one of the Europe lastest car market for the past 10 years (2011 – 2021), analyse the data and provide the following insights:

1. Trend of EV and ICE purchase in the past 10 years.
2. Consumer preferences of used vs new car when purchasing of EV and ICE.
3. Prediction of EV and ICE purchase in the next 5 years.
4. Best type of EV and ICE preferred in the past and prediction for the future.

Base on the data provided, please conclude the sentiment of consumers in the current market conditions and what EV types that car manufacturer can product in the future to increase the interest of consumer?

Data

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autoscout24-germany-dataset.csv.zip