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The research question:
Will more electric cars
cause energy prices to
rise?

Organisation

1. Executive Summary
2. Rationale
3. Data Sources
4. Data Transformation
5. Data Results
6. Conclusion

The background features several thin, curved lines in a light gray color, some solid and some dashed, creating a sense of motion or a stylized globe. A large red speech bubble is positioned on the left side of the slide.

Summary

- **Analysis of electric car registrations and energy bills**

A red speech bubble graphic with a white outline, pointing towards the text on the right. The word 'Rationale' is written inside in white.

Rationale

- **The analysis correlates whether electric cars are a significant factor in the energy crisis.**

Registration of cars with alternative engines in Germany

- Metadata URL:
<https://mobilithek.info/offers/573358160767496192>
- Data URL: mobilithek.de
- Data type: `xlsx` Short description: New car registrations in 2022 with electric, H2M and hybrid drive.

Energy price and household consumption

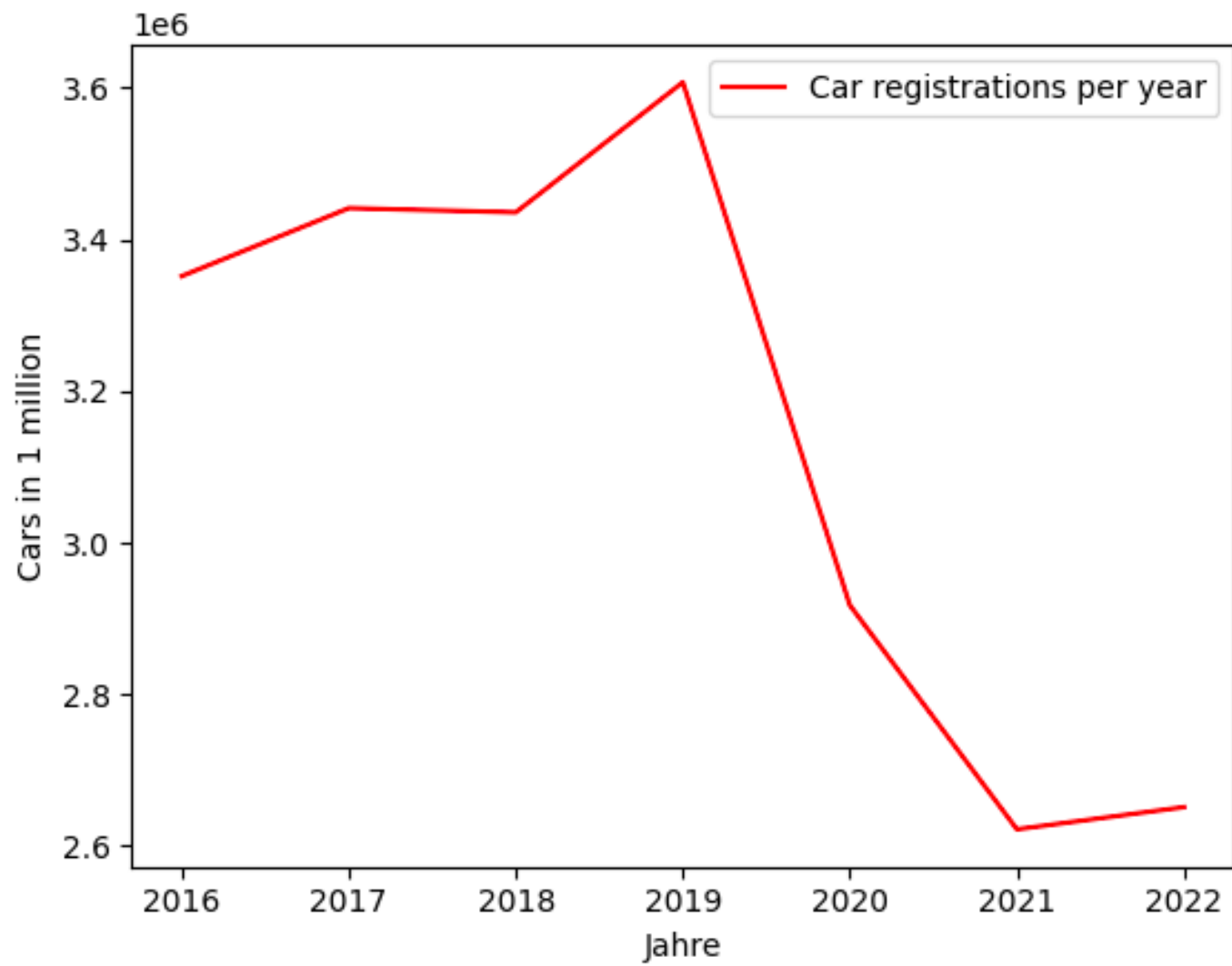
- Metadata URL:
- Data URL: genesis.destatis.de
- Data type: `CSV` Short description: Electricity prices for households: Germany, years, annual consumption classes, price component

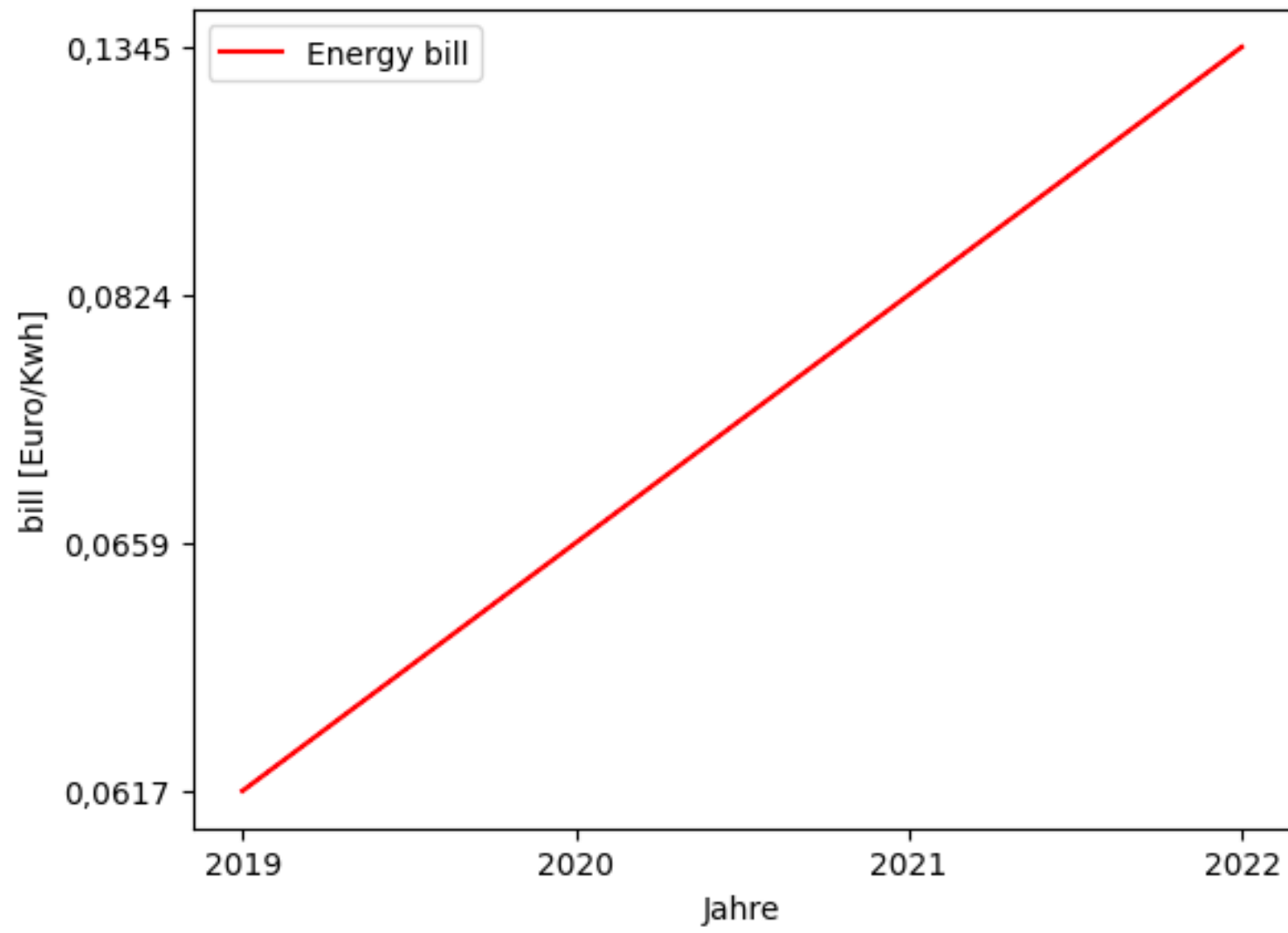
Data sources

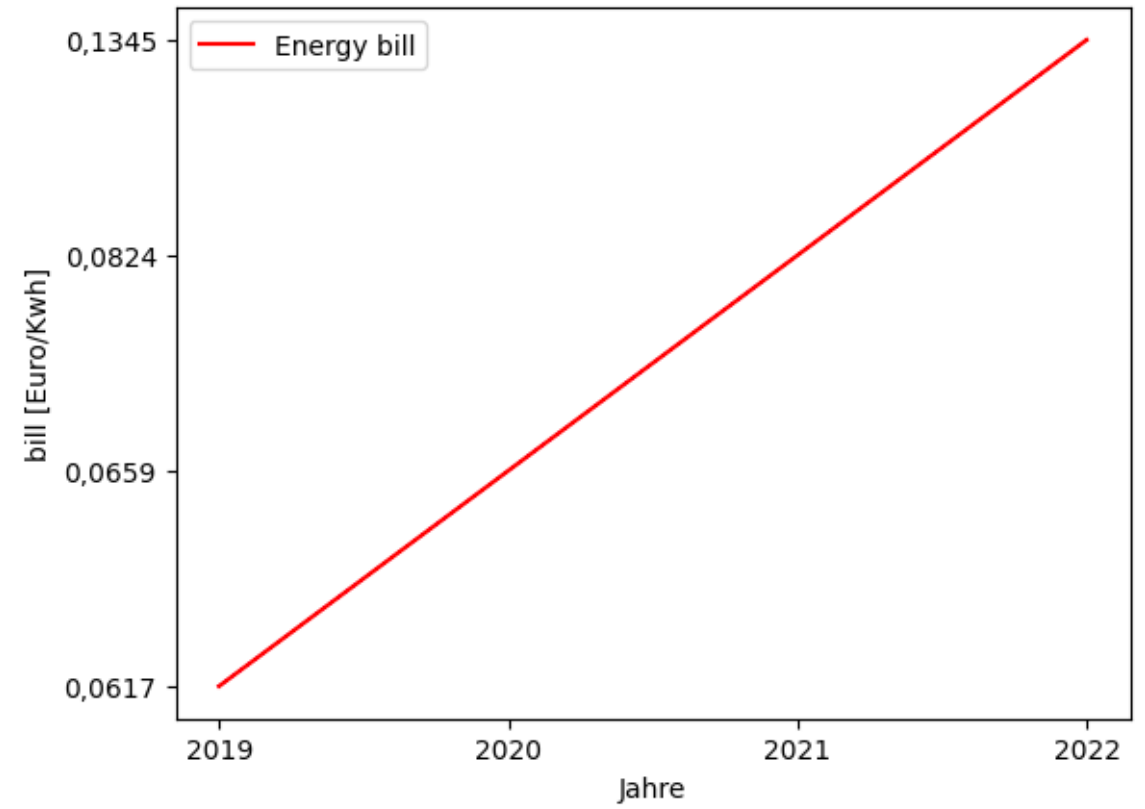
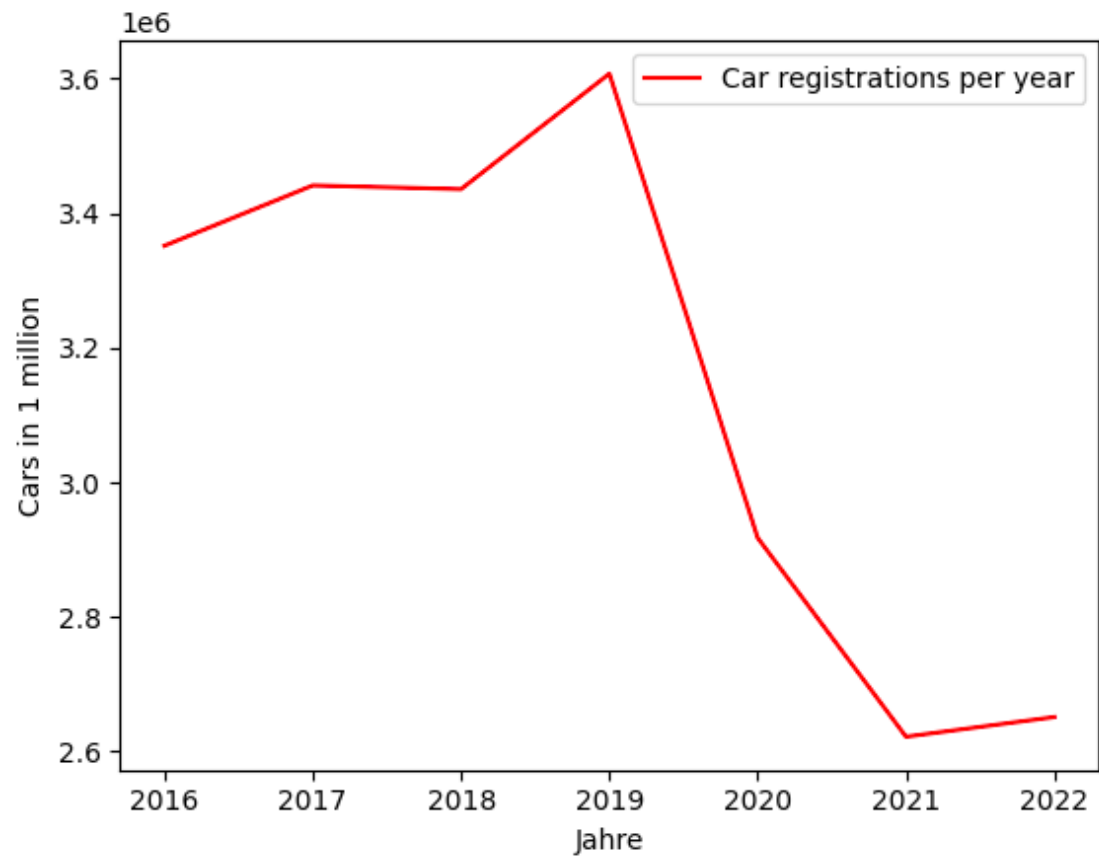
The background of the slide features several thin, curved lines in a light gray color, some solid and some dashed, creating a sense of motion or data flow. On the left side, there is a large red speech bubble with a tail pointing towards the bottom left. Inside this bubble, the text 'Data transformation' is written in white, with 'Data' on the top line and 'transformation' on the bottom line.

Data transformation

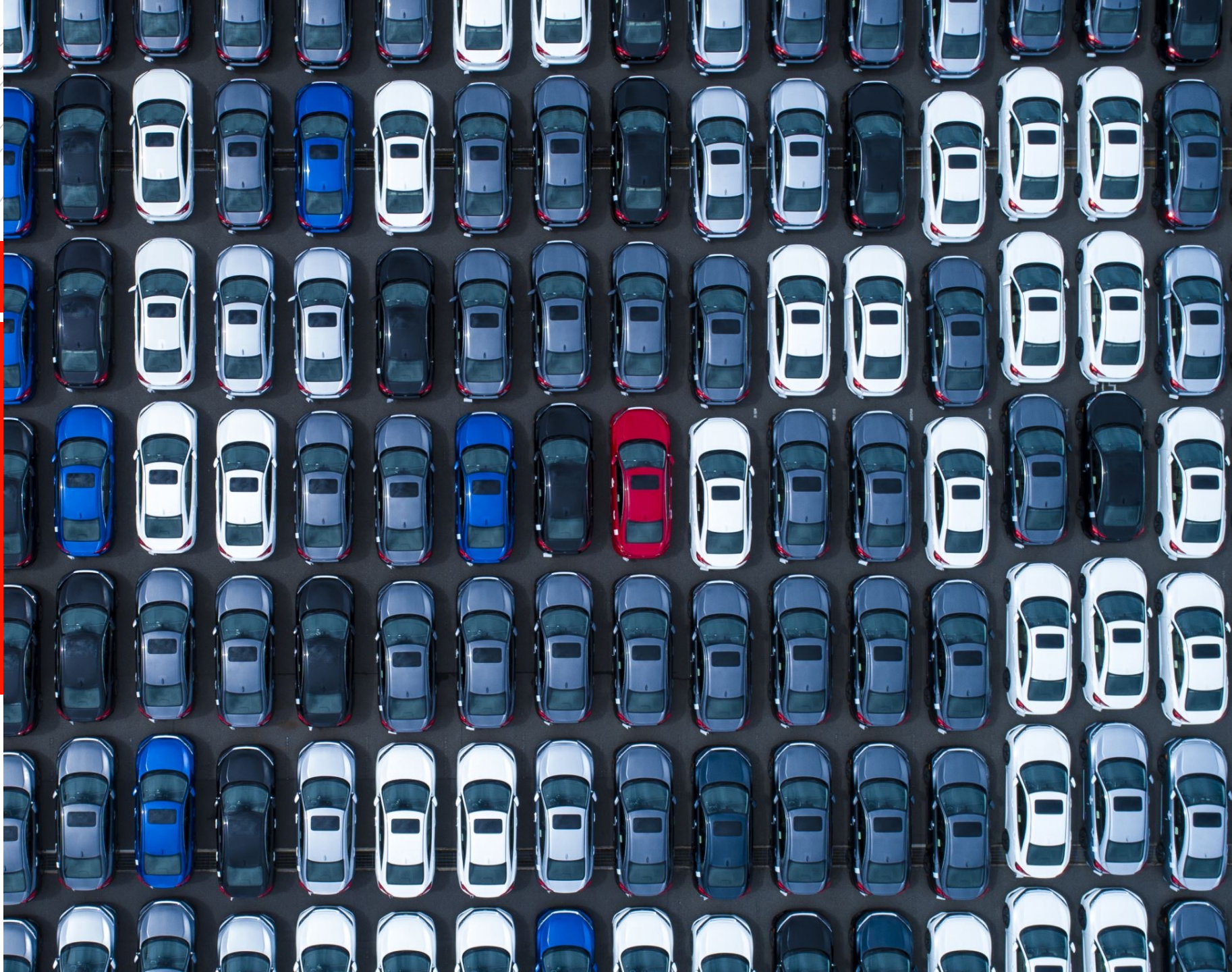
1. Get the data
2. Delete unneeded columns
3. Filter the year summaries for cars and energy prices
4. Change the order to get a matching axis
5. Draw two graphs to compare








Conclusion



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- Decrease in car registrations has increased energy prices.
 - The question of exploration cannot be answered clearly.
 - No, there is no effect on prices
 - Consider more influences on prices