Data Analysis and Visualization Project

Title: Car Sales Dataset Analysis

Team:

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Prologue: The Car Sales Information is a dataset with data on car sales in Russia by region. The data is taken from a popular website in Russia for the sale of cars. Data is collected hourly from the first hundred pages. The only filter is the region to search for. The date and time of selection is indicated in the "parse_date" column.

Objective/Aim: To accomplish an analysis of the sales of cars, made from the "Car Sales" dataset and to complement this analysis with graphs and interactive charts, for user

Technical Details: The analysis and visualization will be carried out in Python, with extensive use of libraries like 'numpy', 'matplotlib', 'pandas'.

Usefulness / Innovativeness: The aforementioned objective, when accomplished will provide rich insight about the pool of data concerning car sales and what the sold cars are essentially like, from their respective brands to the minute details like their power and transmission, and many more such questions that raise curiosity.

Current Status of Development: Project Completed.

Market potential and Competitive advantage: The automobile industry is arguably the largest sector of the global economy. Narrowing it down to just 'cars', changes little in this respect. Therefore, a detailed analysis of this dataset using python, while having a library like 'pandas' in our arsenal, which is further supported by the 'matplotlib' library, is beyond useful and truly has a lot of potential.