

## EX1: Pandas DataFrames

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Through this exercise EX1, I gained understanding of fundamental data manipulation using the pandas library in Python. I learned how to transition from a raw data file (like cars.csv) to a structured DataFrame, which allows for efficient data exploration and manipulation. I practiced navigating through datasets by accessing specific rows and columns using both label-based and integer-based indexing. Additionally, I learned the importance of data cleaning, such as identifying and dropping irrelevant or empty columns like "Unnamed: 5" and "(g/km)" which contains all 0 values, which make the dataset for more accurate analysis and visualization in next steps

Github repo: [https://github.com/htnphu/CPSC-5310-01-Machine\\_Learning/tree/main/w01](https://github.com/htnphu/CPSC-5310-01-Machine_Learning/tree/main/w01)