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CO2 emissions by vehicles

Relevant training course: Data Analyst

Level of difficulty: 06/10

Description of the project:

Identifying the vehicles that emit the most CO2 is important to identify the technical characteristics that play a role in pollution. Predicting this pollution in advance makes it possible to prevent the appearance of new types of vehicles (new series of cars for example).

Resources to refer to:
- **Data:**
    - In this data set, you will find all the technical characteristics of vehicles marketed in France in 2013, as well as fuel consumption, CO2 emissions and pollutant emissions into the air.
      CO2 and pollutant emissions of vehicles marketed in France - data.gouv.fr
    - In this one: the CO2 emissions of all the cars that come out each year (several hundred thousand vehicles per year, the dataset for new cars from 2019 alone weighs more than 1gb) with a little more info than that govt data
      https://www.eea.europa.eu/data-and-maps/data/co2-cars-emission-20

Validation conditions for the project:
- an exploration, data visualization and data pre-processing **report** ;
- a modeling **report** ;
- a final **report**.

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