

Data exploration

Context : You are in a company working in a given industry (health, energy, etc.). Your manager gives you a dataset asking you to analyse it in order to extract all relevant information for you company and become better. Your goal is to do an exploratory analysis of the dataset to give insight on the company business to your manager.

You can choose the dataset you want to work on (and so the industry in which your company operate). Here is a list of datasets. You can choose others but you have to validate with me.

You have to state a question you want to answer with the analysis.

- [Development indicators in countries](#)
- [Fund raising for crowdfunding campaigns on kickstater](#) ([additional dataset](#))
- [Data on nutrition.](#)
- [Car accidents in Great Britain](#)
- [Stock data of the New York Stock Exchange](#)

Many datasets are available on r [kaggle](#) and other website like the open data site of the French government. You can choose the dataset you want but it has to be validated with me.

Two per groups maximum. Each of you have to manipulate data.

You should make :

A five minute presentation showing the analyses you did and the conclusion you reached backed by nice data visualisations. The presentation should include

The data processing and data cleaning you did.

The stated problem you want to analyses

Data analysis with data visualization

Analysis and conclusions

You should have made the slides for the 8th of novembre where I will check the advancement of the project.