



Presented by Jimmy Cassarino



STORKS

Presented by Jimmy Cassarino



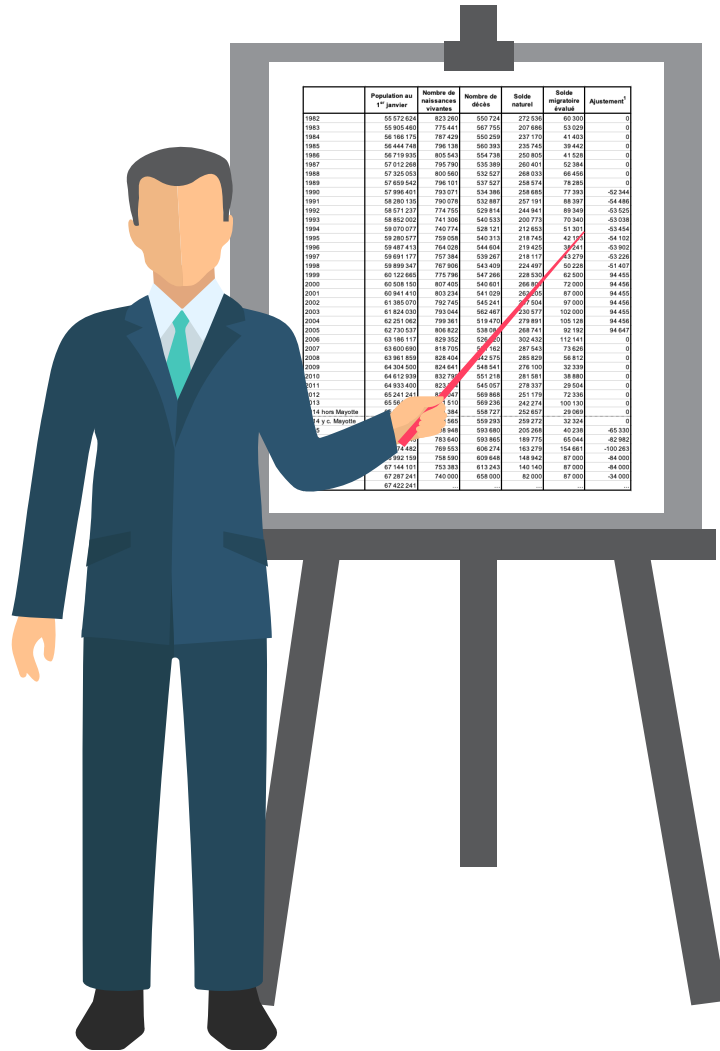
THE CONTEXT

CORRELATIONS AND HOSPITAL MANAGEMENT

You may have noticed hospital management is a HOT topic nowadays.

To handle more efficiently their material needs and their human resources, a large association of hospitals aims at predicting maternity occupation rates and put in place an alerting system to help decision-making.

Many factors could influence pregnancy and natality, from weather conditions to football results, through travel agencies activity. There are so many variables that could be taken into consideration, that the association decided to limit them to twitter hashtags at first.



DATASET

A data set (or dataset) is a collection of data. In the case of tabular data, a data set corresponds to one or more database tables, where every column of a table represents a particular variable, and each row corresponds to a given record of the data set in question.



SECTION BREAK



To make my datasets from the Twitter feed I had to use a scraper.

But what is a scraper ?



SCRAPER

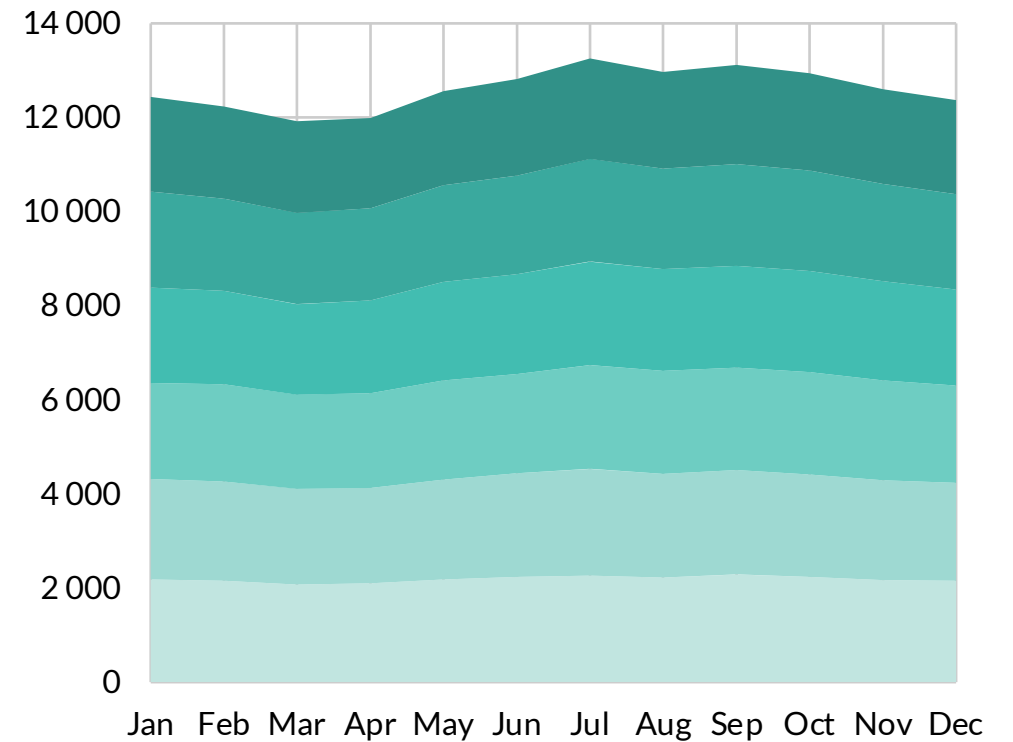
Web scraping, web harvesting, or web data extraction is data scraping used for extracting data from websites. The web scraping software may directly access the World Wide Web using the Hypertext Transfer Protocol or a web browser.



SECTION BREAK

DATA VISUALIZATION

Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data.



SOURCES

Here are all the sources that helped me in my research to establish my case study

Bilan démographique 2020

https://www.insee.fr/fr/statistiques/5012724#figure2_radio2

Naissances et taux de natalité

<https://www.insee.fr/fr/statistiques/2381380#tableau-figure1>

Décalage du pic de naissance

<https://www.insee.fr/fr/statistiques/4655279#graphique-figure1>

Infos juillet 2019

<https://www.lefigaro.fr/actualite-france/les-infos-qu-il-faut-retenir-du-mois-de-juillet-20190802>

Bilan démographique 2016

<https://www.insee.fr/fr/statistiques/2554860>



THANKS FOR
YOUR ATTENTION