COMPUTER VISION IN THE BANKING SECTOR

INP N7 & INSA TOULOUSE

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The overall idea such projects would be to enrich the CEMP databases.
Currently, the Data & Business Intelligence department, which is relatively new, is seeking to broaden the range of topics addressed with the aim of utilizing Data Science to optimize the services provided to all departments within CEMP.

A NLP PROJECT

Type of document that we can be interested in extract information (from government website)

- currently working on an exciting project to transcribe scanned PDF files

- using Python and Tesseract (optical character recognition engine)

- aim: to convert the content of these scanned PDF files into editable text, and then extract data into tables
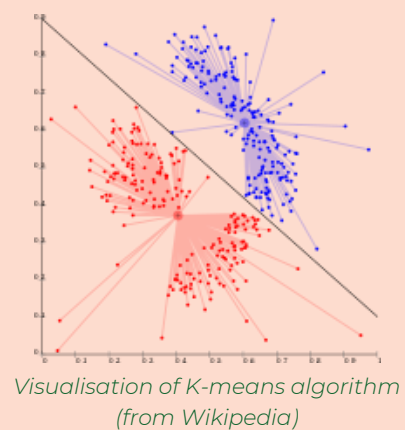
COMMUNITY

CEMP, and more generally Groupe BPCE as a whole, has a data science community, known as the data scientist's guild. It's a real source of professional wealth, and provides me with overall support in my work.

It's very common for me to contact people outside our CE who have a more extensive background in data science and programming.

ENVIRONMENT

Most of my team are Data Analysts. They work with a Data No Code tool called Alteryx, which allows them to run data processing scripts on a regular basis, usually overnight.
I have an extension to this software offering a number of data science tools.

Visualisation of K-means algorithm (from Wikipedia)

Team work:

Each day, we have a twenty minutes call with the whole team (we are around 10). The idea is to give the progress of our projects

To sum up

- Dynamic Team: Collaborating with a skilled and motivated team to successfully execute stimulating projects.
- Exploration of Unique Topics: Engaging in innovative subjects within the Data & Business Intelligence department.

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