



David CAPELLE

JUNIOR DATA SCIENTIST / BI CONSULTANT

Specialist in Business Intelligence for 10 years and IT professional for 25 years, I wish to work as Junior Data Scientist or Expert BI / Data Analyst, mainly in freelance (but I am open to a standard employment contract), partially remote, partially on-site.

CONTACT



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[LinkedIn profile](#)



[GitHub repositories](#)



[Video presentation in 2 minutes](#)

SOFT SKILLS

- Rigour, autonomy
- Spirit of synthesis, analytical skills
- Adaptability

HARD SKILLS

- Data analysis (EDA)
- Supervised / non supervised machine learning
- Feature engineering
- AWS architecture
- ETL/ELT data pipelines
- Design & build works : universes, datawarehouses, datamarts, datalake

TOOLS

- **Languages** : Python, Streamlit, Flask, Java
- **Databases**: Oracle, DB2, MongoDB
- **ETL/ELT tool**: ODI, Talend
- **BI** : SAP BI 4, Webi, Qlik Sense
- **Big Data**: AWS (EC2, S3, Sagemaker)
- **Machine Learning**: Spark, PySpark
- **Test tool**: HP-ALM

HOBBIES

- Jazz (fusion, nu jazz)
- Finance – trading
- Genealogy of succession

PROFESSIONAL EXPERIENCES

BI / Data Analyst

Sopra Steria (IT company in France) – from 02/2006 to 10/2020

- Pre-sales, POC preparing, tools benchmarks.
- Customer needs analysis, conducting workshops for customers
- Corrective maintenance (ETL/ELT data pipelines, SAP BI universes and Webi reporting).
- Technical and functional tests, facilitating functional committees.
- Support to development teams.

Customers : french public sector (National Education, military defense, Ministry of Sustainable Development).

OTHERS EXPERIENCES

Data Scientist training - RNCP certification level 7 (master)

OpenClassrooms / CentraleSupélec – from 03/2021 to 02/2022

2 examples of 8 projets (complete list in experiences repository):

- **Anticipating demand for electricity consumption**

Exploratory data analysis (EDA), supervised machine learning (regression) to predict Seattle's electricity consumption and CO2 emissions.

- **Implementation of a scoring model**

Creating a scoring model (classification) with custom metrics for approving/refusing bank loans. Build a dashboard deployed in the cloud.

ML skills : Anaconda, Jupyter, Python (numpy, pandas, seaborn, matplotlib, sklearn, yellowbricks, plotly), PCA, k-means, RandomForest, XGBoost, CNN, SVM, LogisticRegression, TensorFlow, Keras.



[Full catalog of professional experiences](#)



[Data scientist / analyst professional experiences catalog](#)

EDUCATION

Data Scientist RNCP certification (master's degree) (2021-2022)

DRT Networks and distributed systems (master's degree) (1997)

IUP-MIAGE (master's degree in management computing) (1995)

DEUG in Economy (associate degree in economy) (1993)