

Quentin Chenevier - Lead Data scientist

Experienced in applied data science and graduated with an MBA, I like to embrace multiple roles.
I'm a maker who values impact, agility & intelligence.

I'm looking for a technical role to continue to grow my **data science skills**,
after improving my **business skills** during the last 2 years.

Experience

Now 2021	Lecturer @ ENAC Toulouse, France <ul style="list-style-type: none">ML course for engineers: 45h course, 50+ students ML teaching
Now 2020	AI Product Manager & Lead Data Scientist @ Airbus Toulouse, France <ul style="list-style-type: none">Model integration platform for aircraft program business analysis: analysis time reduced from months to minutes backlog definition modeling UI designAircraft virtual assembly to prevent production issues: 5M€ savings / year backlog definition UI design technical debt management architecture designGrow the team & find opportunities: 3 recruitments recruiting business developmentCustomer financial risk anticipation exploratory data analysis data preparation modelingSupplier financial risk monitoring: 1500+ suppliers data preparation dashboarding
Now 2020	Lecturer @ Toulouse Business School Toulouse, France <ul style="list-style-type: none">AI & decision-making course for executives: 3 classes, 80+ students ML teaching
2020 • 2 years 2018	Manager Data Scientist @ Capgemini Invent Paris & Toulouse, France <ul style="list-style-type: none">Grow the team & find opportunities: 10 recruitments recruiting business developmentInformation extraction from Airbus' customers feedbacks with NLP & deep learning: 80% automation & 1M€ savings / year data preparation modeling junior coachingML course for Airbus quality specialists: 20 students ML teaching
2018 • 1 year 2017	Senior Data Scientist @ Capgemini Invent Paris & Toulouse, France <ul style="list-style-type: none">Supplier non-quality prediction with model stacking: 1M€ savings / year data preparation modeling junior coachingBank products recommender system with autoencoder data preparation modeling dashboarding
2017 • 1 year 2016	Data Scientist @ Airbus Toulouse, France <ul style="list-style-type: none">Automation of forecast of airlines market demand: analysis time reduced from months to minutes data preparation modelingData referential management by cleaning & fusing data from 10+ sources data preparation
2016 • 4 years 2012	R&D System Designer @ Airbus Toulouse, France <ul style="list-style-type: none">Empowerment workshop of a 60-people team change management agile coachingDisruptive & multimodal aircraft cockpit backlog definition UI designArchitecture design of safety-critical systems (future cockpits) architecture design
2012 • 2 years 2010	Scientific Engineer @ Noveltis Toulouse, France <ul style="list-style-type: none">Calibration of a space spectrometer: 250+ GB analyzed data preparation modelling

Education

2016 - 2017	Udacity - Data Analyst Nanodegree
2015 - 2017	Master of Business Administration @ Toulouse Business School Toulouse, France
2015	Machine Learning @ Coursera & Stanford
2015	Creation & Developement of Technological Startups @ Coursera, Ecole Polytechnique & HEC
2009 - 2010	M2: Remote Sensing (ML, signal processing & physics) @ Ecole Polytechnique Palaiseau, France
2006 - 2009	M1: Engineering @ Ecole Polytechnique Palaiseau, France
2004 - 2006	Preparatory classes: MP* @ Lycée Fermat Toulouse, France

Skills

- Data scientist [exploratory data analysis](#) [data preparation](#) [modeling](#) [dashboarding](#) [explainability](#)
- Senior Data scientist [junior coaching](#) [ML teaching](#)
- Tech lead [technical debt management](#) [coding best practices](#) [architecture design](#)
- Business consultant [business development](#) [need analysis](#) [change management](#)
- Product manager [backlog definition](#) [agile coaching](#) [UI design](#)
- Manager [performance management](#) [recruiting](#)

Technologies

- Machine Learning [sklearn](#) [pytorch](#) [SHAP](#) [lime](#) [gensim](#) [gemseo](#) [pytorch-lightning](#) [keras](#)
- MLOps & DevOps [kedro](#) [neptune](#) [dvc](#) [AWS Batch](#) [AWS EC2](#) [ansible](#) [bash](#) [git](#) [flake8](#)
- Data Engineering [python](#) [pandas](#) [pyspark](#) [polars](#) [dask](#) [numpy](#) [sql](#) [fortran77](#)
- Dashboarding & Front-end [panel](#) [dash](#) [plotly](#) [seaborn](#) [altair](#) [JS](#) [Vue.js](#) [Nuxt.js](#)

Open Source Contributions

- 🎵 [Scribbleton Live](#): an in-browser audio workstation, deployed here [scribbleton.live](#) [Vue.js](#) [Nuxt.js](#)
- 📝 [HuMa](#): a blog about Humans & Machines, deployed here [qchenevier.github.io/huma](#) [Vue.js](#), [Nuxt.js](#)
- 📄 [Resume](#): this resume, generated from markdown to [web page](#) and [pdf](#)
- 📊 [Pandas Pipeline Graphviz](#): generate an explanative schema of a data pipeline [python](#) [pandas](#) [graphviz](#)
- 🎓 [Cours IA](#): a course on Artificial Intelligence for the MBA of TBS (in french 🇫🇷) available as a [html presentation](#)
- ⚙️ [Ansible Sagemaker](#): infrastructure as code to mimic AWS Sagemaker Notebook [ansible](#) [AWS EC2](#)
- 🌍 [Eumetsat OSX Wallpaper](#): real time view of our planet in your macbook's wallpaper [python](#)

Hobbies

- Travelling around 20 countries visited: Canada, Vietnam, Kazakhstan...
- Learning **Enlightenment Now** - Steven Pinker | **Drive** - Daniel Pink | **Thinking Fast & Slow** - Daniel Kahnemann | **Nudge** - Thaler & Sunstein | **Value Proposition Design** - Strategyzer | **Business Model Generation** - Strategyzer | **Le Triple Moi** - Gysa Jaoui | **Clean Code** - Robert Cecil Martin | **The Value of Everything** - Mariana Mazzucato | **Sapiens** - Yuval Noah Harari | **Don't Make Me Think** - Steve Krug