

# Quentin Chenevier

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## Scientist & Maker

Passionate about data science and graduated with an MBA, I like to embrace multiple roles. I'm a maker who values impact, agility & intelligence. As a manager, my style is about simplifying & enabling.

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## 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`

## Tech mastery

- 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`

## Experience




Now	<b>Lecturer @ Toulouse Business School</b> Toulouse, France
	• AI Course for executives <a href="#">ML teaching</a>
2020	<b>AI Product Manager @ Airbus</b> Toulouse, France
Now	• Model integration platform for aircraft program business analysis: analysis time <b>reduced from months to minutes</b> <a href="#">backlog definition</a> <a href="#">modeling</a> <a href="#">UI design</a>
	• Aircraft virtual assembly to prevent production issues: <b>5M€ savings / year</b> <a href="#">backlog definition</a> <a href="#">UI design</a> <a href="#">technical debt management</a>
2020	• Grow the team & find opportunities: <b>3 recruitments</b> <a href="#">recruiting</a> <a href="#">business development</a>
	• Customer financial risk anticipation <a href="#">exploratory data analysis</a> <a href="#">data preparation</a> <a href="#">modeling</a>
	• Supplier financial risk monitoring: <b>1500+ suppliers</b> <a href="#">data preparation</a> <a href="#">dashboarding</a>
2021	<b>Lecturer @ ENAC</b> Toulouse, France
	• ML Course for engineers <a href="#">ML teaching</a>
2020 • 2 years	<b>Manager Data Scientist @ Capgemini Invent</b> Paris & Toulouse, France
	• Grow the team & find opportunities: <b>10 recruitments</b> <a href="#">recruiting</a> <a href="#">business development</a>
2018	• Information extraction from Airbus' customers feedback with NLP & deep learning: <b>80% automation &amp; 1M€ savings / year</b> <a href="#">data preparation</a> <a href="#">modeling</a> <a href="#">junior coaching</a>
	• ML course for Airbus quality specialists: <b>20 students</b> <a href="#">ML teaching</a>
2018 • 1 year	<b>Senior Data Scientist @ Capgemini Invent</b> Paris & Toulouse, France
	• Supplier non-quality prediction with model stacking: <b>1M€ savings / year</b> <a href="#">data preparation</a> <a href="#">modeling</a> <a href="#">junior coaching</a>
2017	• Bank products recommender system with autoencoder <a href="#">data preparation</a> <a href="#">modeling</a> <a href="#">dashboarding</a>
2017 • 1 year	<b>Data Scientist @ Airbus</b> Toulouse, France
	• Automation of forecast of airlines market demand: analysis time <b>reduced from months to minutes</b> <a href="#">data preparation</a> <a href="#">modeling</a>
2016	• Data referential management by cleaning & fusing data from <b>10+ sources</b> <a href="#">data preparation</a>
2016 • 4 years	<b>R&amp;D System Designer @ Airbus</b> Toulouse, France
	• Empowerment workshop of a <b>60-people team</b> <a href="#">change management</a> <a href="#">agile coaching</a>
2012	• Disruptive & multimodal aircraft cockpit <a href="#">backlog definition</a> <a href="#">UI design</a>
	• Architecture design of safety-critical systems (future cockpits) <a href="#">architecture design</a>
2012 • 2 years	<b>Scientific Engineer @ Noveltis</b> Toulouse, France
	• Calibration of a space spectrometer: <b>250+ GB analyzed</b> <a href="#">data preparation</a> <a href="#">modelling</a>
2010	


## Education


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

## 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

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