

# Quentin Chenevier

## 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.

## Experience

Now   2020	<b>Lecturer @ Toulouse Business School</b> Toulouse, France <ul style="list-style-type: none"><li>AI &amp; decision-making course for executives: <b>3 classes, 80+ students</b> <a href="#">ML teaching</a></li></ul>
Now   2020	<b>AI Product Manager @ Airbus</b> Toulouse, France <ul style="list-style-type: none"><li>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></li><li>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> <a href="#">architecture design</a></li><li>Grow the team &amp; find opportunities: <b>3 recruitments</b> <a href="#">recruiting</a> <a href="#">business development</a></li><li>Customer financial risk anticipation <a href="#">exploratory data analysis</a> <a href="#">data preparation</a> <a href="#">modeling</a></li><li>Supplier financial risk monitoring: <b>1500+ suppliers</b> <a href="#">data preparation</a> <a href="#">dashboarding</a></li></ul>
2021	<b>Lecturer @ ENAC</b> Toulouse, France <ul style="list-style-type: none"><li>ML Course for engineers: <b>25+ students</b> <a href="#">ML teaching</a></li></ul>
2020 • 2 years   2018	<b>Manager Data Scientist @ Capgemini Invent</b> Paris & Toulouse, France <ul style="list-style-type: none"><li>Grow the team &amp; find opportunities: <b>10 recruitments</b> <a href="#">recruiting</a> <a href="#">business development</a></li><li>Information extraction from Airbus' customers feedback with NLP &amp; deep learning: <b>80% automation &amp; 1M€ savings / year</b> <a href="#">data preparation</a> <a href="#">modeling</a> <a href="#">junior coaching</a></li><li>ML course for Airbus quality specialists: <b>20 students</b> <a href="#">ML teaching</a></li></ul>
2018 • 1 year   2017	<b>Senior Data Scientist @ Capgemini Invent</b> Paris & Toulouse, France <ul style="list-style-type: none"><li>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></li><li>Bank products recommender system with autoencoder <a href="#">data preparation</a> <a href="#">modeling</a> <a href="#">dashboarding</a></li></ul>
2017 • 1 year   2016	<b>Data Scientist @ Airbus</b> Toulouse, France <ul style="list-style-type: none"><li>Automation of forecast of airliners market demand: analysis time <b>reduced from months to minutes</b> <a href="#">data preparation</a> <a href="#">modeling</a></li><li>Data referential management by cleaning &amp; fusioning data from <b>10+ sources</b> <a href="#">data preparation</a></li></ul>
2016 • 4 years   2012	<b>R&amp;D System Designer @ Airbus</b> Toulouse, France <ul style="list-style-type: none"><li>Empowerment workshop of a <b>60-people team</b> <a href="#">change management</a> <a href="#">agile coaching</a></li><li>Disruptive &amp; multimodal aircraft cockpit <a href="#">backlog definition</a> <a href="#">UI design</a></li><li>Architecture design of safety-critical systems (future cockpits) <a href="#">architecture design</a></li></ul>
2012 • 2 years   2010	<b>Scientific Engineer @ Noveltis</b> Toulouse, France <ul style="list-style-type: none"><li>Calibration of a space spectrometer: <b>250+ GB analyzed</b> <a href="#">data preparation</a> <a href="#">modelling</a></li></ul>

## Education

- 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
- 2016 - 2017 Udacity - Data Analyst Nanodegree









## 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