

# Alexandre Batisse

<https://batalex.github.io/>

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GitHub: Batalex

## ABOUT ME

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I am a data scientist and software engineer based in Lyon (France) with five years of experience in software engineering. My technical interests include software development, statistics, and data visualization. I take pride in my ability to create solutions to any problem.

## EXPERIENCE

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- **HEVA** Lyon, FR  
*Data scientist & tech lead* *Jan 2019 - Present*
  - **Health data studies:** I conduct national health claim data studies for pharmaceutical firms & public authorities. This work involves data management, statistical modeling, and reporting with the PyData stack.
  - **Engineering:** I tend to my team's internal tools as a maintainer and developer. Automation, documentation, unit tests, CI: I am an all-rounder. I am comfortable working on a data analysis package as well as designing a REST API.
  - **Tech lead:** I provide technical support on various subjects: Python programming, git, and scientific libraries. I prepare and animate learning sessions for a dozen people. Lastly, I design workflows and environments for scientific computation.

Tech: *Python, Docker, Plotly/Dash, FastApi, PyData stack, Dask*
- **Worldline** Villeurbanne, FR  
*Software engineer* *2017 - Dec 2018*
  - **Data science standardization:** I was part of the team designing and building a production-ready data science platform for training and deploying models. I worked with fully-fledged data scientists on several projects involving financial data (fraud detection, check recovery prediction).
  - **Internship:** I worked on a banking chatbot. More so than a conversational interface, we aimed to design a personal finance assistant to help people save up for their projects.

Tech: *Python, Docker, PyData stack, Java*

## PROJECTS & FOSS CONTRIBUTIONS

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- **Twitter video bot:** Over a few days, this project generated and served more than four thousand short videos for a promotion campaign.
- **Music video generator:** I co-created a web platform for musicians. Users may upload an audio file and generate a customized video for social networks in a few seconds.
- **Pandas book:** I was credited as a technical editor for a top-selling reference book on pandas' foundational skills.
- **Scikit-learn:** I took part in the 2020 Sprint of the decade in Paris over four days.
- **Plotly Dash:** I migrated a significant proportion of unit tests to the pytest framework.

## EDUCATION

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**M.Sc.Eng.** in telecommunications, with honors.  
*INSA de Lyon, 2017*

### Languages:

- French - Native speaker
- English - Effortless communication, *TOEIC 990*