

Victor

Autonell-Oiry

Data Engineer

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Profile

I'm a highly motivated Data Engineer who loves a challenge. In my last six years, I have developed a number of abilities and have concrete experience in Data Science, with which I'm able to include a flare for analytics in my role as a Data Engineer, as well as being well aware of good programming paradigms. I'm seeking a role that encompasses the above — one where I can border a number of disciplines and join a large multi-disciplinary team, whilst being centred on rigorous data engineering.

Languages

- English
- French
- Catalan
- Spanish

Interests

- Professional
 - LLMs
- Personal
 - DIY
 - gardening
 - climbing

Experience

Profusion
Data Engineer

SEP 2021 – present

Key Responsibilities

- Develop and maintain reliable ELT pipelines for large, scalable data platforms, ingesting multiple data sources and making extensive use of Glue, ECR, Batch, Docker, Python & Pandas, Athena, SQL and Github Actions
- Write python wrappers for commonly available python package functionality to expand their use cases tailored to specific technical scenarios
- Maintain up-to-date methodologies as a standard in collaboration with the team; including software engineering best practices, agile methodologies, coding standards, code reviews, and testing

Key Achievements/Projects

- Built a custom, automated QA pipeline, executed in dockerised containers to measure accuracy and assess degradation of semantic layer tables against bench marked results
- Lead the technical scoping of the company's largest project worth £2 million over two years
- Built and deployed a client's causal model to target promotional campaigns using k-fold cross-validation grid search techniques, resulting in a 15% reduction in marketing costs to "Lost Cause" customers
- Developed single customer views for a number of clients, resulting in datasets that underpin machine learning models

Decoded
Lead Data Mentor

JUL 2019 – JUN 2021

- Delivered Data Science programming sessions to professionals from financial institutions, retailers and energy providers
- Consulted on client's internal data science projects
- Line managed a team of data mentors

Kluster Intelligence
Data Analyst

AUG 2018 – JUN 2019

- Built and maintained an analytics library
- Built automation processes to improve company scalability
- Reduced product demo deployment for prospective clients from 1 day to 1 hour

Skills

- | | |
|-----------|-------|
| Python | SQL |
| AWS | Git |
| Terraform | Bash |
| DBT | Spark |
| Docker | CICD |

Education

Durham University, UK
Masters in Physics (MPhys), 1st

2013 – 2017

British School of Barcelona, Spain
A levels: 3A* and 3A

2011 – 2013