

# LAURENT VAN EESBEECK

## Data Engineer — Python, Spark, Databricks — Azure & AWS

Contact	Education	Mathematical Engineering (UCL, 2014) Dual Master in Mathematics (KTH, 2014)	
Location	Certifications	Associate Developer for Apache Spark	
Date of Birth	Languages	French	Native
Availability		Dutch	Fluent
Personal details redacted.		English	Fluent
For the full version, please reach out on <a href="#">LinkedIn</a> .		Portuguese	Good

### Executive Summary

Data Engineer with 6+ years of experience building data pipelines across trading, energy, life sciences, and online retail. I can work across the full data chain — from bronze ingestion to gold business reports — and rely on experiences gained in both corporate and SMB environments. I focus on reliability, maintainability, and clean code practices.

Passionate about data engineering, I like to keep up with evolving tools and practices, while remaining pragmatic about technology choices.

Beyond technical execution, I value clear communication and knowledge sharing. I work well in collaborative teams where engineering discipline and technical rigor matter.

### Core Strengths

- Strong analytical and systems-thinking mindset; able to map complex business processes rapidly.
- Fast learner with broad technical range; comfortable working across architecture, engineering and BI.
- Well-rounded engineer; able to design and build end-to-end data platforms with high degree of autonomy.
- Structured communicator with a focus on clarity, from functional specification to technical documentation.
- Bias toward clean code: SOLID principles, unit tests, Git flow, version release, CI/CD best practices.

### Expertise

#### Programming

Python, SQL, PySpark

#### Cloud & Platforms

Databricks

Azure (Storage, Key Vault, App Registrations)

AWS (S3, Secrets Manager)

#### CI/CD & DevOps

Azure DevOps, Git, Docker, Terraform

#### Data Engineering

Delta Lake, ETL/ELT pipelines, data modelling

Orchestration (Airflow), testing (pytest)

SQL Databases (Postgres, Azure SQL, Oracle)

#### BI & Analytics

Power BI, Spotfire

#### Familiar With

Azure Synapse, MS Fabric, dbt

### Key Achievements

- Designed and built a greenfield data platform (cloud architecture, data model, codebase design).
- Developed a PySpark testing framework (pytest, Docker) used locally and in CI/CD pipelines.
- Initiated a weekly Dev's Corner, resulting in better knowledge sharing, code standards, and code reviews.
- Built data pipelines across diverse technologies, including logging and business notifications (MS Teams, e-mails).
- Built BI dashboards for finance, sales, forecasting, data quality; improving business decision-making.

## Pearl Acoustics — Data Engineer

09/2025 – 12/2025

**Industry** Manufacturing / E-commerce   **Tech** Azure, Python, Terraform, Power BI   **Languages** EN

### Context

Three-month fixed-term assignment for an SMB, acting as a one-person data & cloud team.

The mission focused on automating commission invoices and delivering sales/cashflow dashboards.

### Tasks & Responsibilities

- Designed an end-to-end cloud architecture (storage, ingestion, data model, reporting).
- Built SOLID, tested Python pipelines consolidating webshop and bookkeeping data.
- Generated end-of-month commission invoices (PDF) with automated e-mail workflow.
- Developed sales and cashflow dashboards (Power BI) with automated refresh.

## Engie — Data Engineer (B2B & B2C Metering)

04/2024 – 06/2025

**Industry** Energy   **Tech** Python, PySpark, Databricks, Terraform, AWS, SQL   **Languages** FR/EN

### Context

Integration of power and gas metering data across Europe, supporting billing processes and predictive modelling.

The platform handled more than 10 TB of data, requiring strict testability and reproducibility standards.

### Tasks & Responsibilities

- Built and maintained data pipelines (Python, Databricks, SQL) across legacy and greenfield codebases.
- Participated in grooming, refined functional specifications and documented testing expectations.
- Performed code reviews, structured repository standards, refactored cornerstone business logic.
- Implemented a Python testing framework (pytest, Docker, Azure DevOps) used locally and in CI/CD deployment.
- Initiated a Dev's Corner knowledge-sharing structure, progressively adopted by the team.

## GSK — Data Engineer & BI Developer (Vaccines)

05/2022 – 07/2023

**Industry** Life Sciences   **Tech** Talend, PySpark, Databricks, Azure, Power BI   **Languages** FR/EN

### Context

Greenfield data lake initiative to standardize ingestion and analytics across vaccine production workflows.

### Tasks & Responsibilities

- Developed Talend ingestion pipelines for SAP HANA, APIs, SharePoint, and SQL sources targeting Azure Storage.
- Implemented PySpark transformations and Delta Live Tables to structure the lake's silver layer.
- Migrated existing Spotfire ETL logic to Databricks, improving consistency and maintainability.
- Created generic PySpark validation functions, enabling dataset comparison and testing.
- Built Power BI and Spotfire dashboards for production monitoring and usage analytics.

## Engie — BI Developer & Data Engineer (Freight Trading)

02/2019 – 05/2022

**Industry** Energy / Shipping / Trading   **Tech** Power BI, SQL, Talend   **Languages** FR/NL/EN

### Context

Business and IT support of the freight trading desk handling global biomass shipping.

Responsibilities included front-to-back user support, BI dashboarding, and data integration.

### Tasks & Responsibilities

- Administered IMOS (shipping lifecycle) and coordinated user support across trading, finance, and back-office.
- Developed Power BI dashboards for operations review, data quality, market exposure, and monthly reporting.
- Designed the finance reconciliation dashboard used for monthly closings and discrepancy analysis.
- Built Talend ingestion workflows integrating market feeds, Excel exports, SAP, REST/SOAP APIs.
- Created reusable Talend joblets with logging, alerting, and environment-driven configuration.

## **Telservice — Operations Assistant**

**06/2018 – 09/2018**

**Industry** Construction   **Languages** FR/NL/EN

### **Context**

Support role within a small business managing administrative and operational workflows.

### **Tasks & Responsibilities**

- Handled front desk, HR, and day-to-day administrative operations.
- Supported recruitment through candidate sourcing and screening.
- Contributed to GDPR compliance implementation for internal processes.

## **Xylos — SharePoint Consultant & Trainer**

**03/2016 – 02/2017**

**Industry** IT Consultancy   **Tech** SharePoint, Office 365   **Languages** FR/NL/EN

### **Context**

Consulting and training activities for clients adopting SharePoint and Office 365 workflows.

### **Tasks & Responsibilities**

- Assisted senior consultants during pre-sales and functional design workshops.
- Built SharePoint sites and document workflows aligned with clients' business processes.
- Delivered in-class SharePoint trainings in FR, NL and EN to corporate users.
- Produced 100+ educational videos covering SharePoint tips & tricks.

## **Liège Airport — Process Analyst Intern**

**08/2015 – 12/2015**

**Industry** Aviation   **Tech** BPMN   **Languages** FR/EN

### **Context**

IT department initiated the replacement of the Airport Operations Database (AODB).

The internship focused on mapping operational and technical processes prior to the redesign.

### **Tasks & Responsibilities**

- Conducted interviews with operational users to capture business requirements.
- Documented workflows using BPMN and contributed to the target architecture.
- Mapped the technical architecture to support the future system replacement.

## **Personal Projects**

### **Camino de Santiago (07/2023 – 12/2023)**

Walked 2,400 km solo (Brussels - Santiago); endurance, logistics, and mental focus.

### **Cultural Exchange, Amazon Forest, Brazil (09/2018 – 12/2018)**

Lived with an indigenous community, contributed to reforestation and taught English in school.

### **Working Holiday Visa, Australia (04/2017 – 04/2018)**

Farm work, math tutoring and WWOOF volunteering; developed adaptability and resilience.

## **Volunteering**

### **Dhammagroup Brussels ASBL (07/2025 – Present)**

Coordinating volunteers, improving internal processes, strengthening community culture.

### **Energy Assistance ASBL (08/2024 – 06/2025)**

Installed solar panels (BE) and supported project organization for Brazil deployments.

### **BeFace ASBL, Professional Mentorship (03/2021 – 09/2022)**

Coached first-generation immigrants with their CV and job-search strategy.

### **Foyer Georges Motte, Homeless Shelter (10/2014 – 04/2015)**

Helped in the kitchen, organized resident activities and helped residents with their CV.

## **Interests**

Archery, Algorithmic Trading, Travels