

Paulius Alaburda

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Summary

Head of Data Analytics with experience in growing teams, developing novel data products and driving business value through data solutions. I specialise in data warehousing, data governance and end-to-end data solutions. I love ensuring that data teams work on the right things and seize opportunities, all while setting a high bar for quality. I'm comfortable across the whole path from raw data to the final report or data tool. I write publicly at High SQL as well as alaburda.github.io.

Experience

Head of Data Analytics - Ignitis

2021 November – present · Vilnius, Lithuania

Own the data function for Ignitis Lithuania and Latvia: the data platform and warehouse, the BI practice, data governance, and the team's structure, hiring and roadmap. Accountable for turning business demand into data products and for the standards the organisation's reporting rests on.

- Scaled a team of 5 data analysts to a data platform team of 18 people, consisting of Data Engineers, Data Analysts, Data Stewards and Data Scientists
- Drove Power BI adoption across Ignitis Lithuania and Latvia, resulting in virtually the whole organisation relying on data reports on a daily basis
- Established a Data Governance program to increase data quality, reduce time to solving data quality issues and avert issues before changes are deployed
- Established multiple data products in the organisation, including:
 - A smart meter API service serving over 900 thousand households at sub-100 ms latency
 - A physical address service used by other internal systems as a source of truth
 - An internal AI agent helping customer support employees
- Drove GitHub Copilot adoption in the organisation by organising trainings and holding a monthly AI Ambassador meetup

Senior Data Analyst - Ignitis

April 2021 – November 2021 · Vilnius, Lithuania

Retail customer analytics, alongside backlog management and delegating work to two direct reports.

Data Analyst - Ignitis

2019 – 2021 · Vilnius, Lithuania

Met the business's reporting needs: built and maintained Power BI dashboards, combined data from SQL databases and API end-points, and ran ETL pipelines in R, Python and Power Automate.

- Introduced version control to the team and put the analytical codebase under versioning
- Built an internal R library that packaged routine analytical work into reusable functions

Data Analyst - Aon

2018 – 2019 · Chicago, United States · Internship, Global Claims team

Supported the Global Claims team with data preparation, quality control and reporting across global claims data.

- Built ETL pipelines and quality control tooling in R for global claims data
- Maintained the team's internal SQL Server instance
- Created interactive Tableau dashboards for claims reporting

Leadership

Team

18 people across data engineering, analytics, data stewardship, and data science — grown from a team of 5

Scope

Ignitis Lithuania and Latvia

Governance

Established the organisation's data governance program — quality standards, issue resolution, and pre-deployment checks

Enablement

Org-wide Power BI practice, GitHub Copilot rollout, monthly AI Ambassador meetup

Technical

Data

PostgreSQL / TimescaleDB, ClickHouse, DuckDB, SQL Server, Microsoft Fabric Lakehouse

Languages

SQL, R, Python

Platform

dbt, dimensional modeling, data warehousing, Git

BI

Power BI, Tableau

Spoken

Lithuanian (native), English (full professional), French (elementary)

Writing & Speaking

- **alaburda.github.io** — working notes on SQL patterns, query design, DuckDB, and analytics engineering. Posts on grouping overlapping date ranges, dbt anti-patterns, and window-function shape.
- **I Love DuckDB** — talk, 2024.
- **Data Analyst SQL Cookbook** — a collected set of practical SQL techniques for day-to-day analytical work.

Earlier — Research & Teaching

Laboratory Assistant · Institute of Anatomy, LSMU

2013 – 2018 · Kaunas, Lithuania

Ran cell morphology experiments on state-funded research projects and supported analysis across other studies in the institute.

- Co-authored four peer-reviewed journal papers
- Presented at international conferences

Non-formal Biology Teacher · LSMU Gymnasium

2016 – 2019 · Kaunas, Lithuania

Coached high-school students preparing for the National and International Biology Olympiad.

- A student tutored in 2018 won a silver medal at the International Biology Olympiad

Publications

- **P. Alaburda et al.** (2019) Ultrastructural changes of the human enteric nervous system and interstitial cells of Cajal in diverticular disease. *Histology and Histopathology*.
- **A. G. Pauza et al.** (2019) Alterations in enteric calcitonin gene-related peptide in patients with colonic diverticular disease. *Autonomic Neuroscience*.
- **N. Pauziene et al.** (2017) Neuroanatomy of the pig cardiac ventricles: a stereomicroscopic, confocal and electron microscope study. *The Anatomical Record*.
- **N. Pauziene et al.** (2016) Innervation of the rabbit cardiac ventricles. *Journal of Anatomy*.

Education

- **Doctor of Medicine (MD)** — Lithuanian University of Health Sciences, 2012 – 2018. Integrated master's programme.
- **Data Scientist with R Track** — DataCamp, 2019.
- **Innovation Associate (Level 1)** — Global Innovation Management Institute, 2019.
- **4th and 5th Baltic-Nordic Course on Neuroinformatics** — 2015, 2017.