

# Alexandra Taran

Analytics & Data Engineer

Fintech · ESG/Sustainability · Media · Aerospace

COPENHAGEN, DENMARK   MARIALEXANDRA.TRN@GMAIL.COM   +45 91 85 33 00   LINKEDIN.COM/IN/ALEXTARAN

## SUMMARY

Analytics & data engineer with 6+ years building the data layer that analytics runs on, now focused squarely on data modeling, metric governance, and self-service BI. I turn raw, high-volume pipelines into trusted, well-documented models that stakeholders can query directly - most recently consolidating revenue reporting across multiple acquisitions and standing up a company-wide metric catalog. Background spans fintech, ESG/sustainability, media, and aerospace, giving me range across domains and a strong instinct for what makes a data model both correct and usable.

## CORE SKILLS

**Analytics Engineering:** dbt, Snowflake, SQL, dimensional & metric modeling, KPI/metric governance, data quality & testing, self-service BI enablement (Omni, Metabase, Lightdash)

**Pipelines & Infrastructure:** Python, AWS, Snowflake, data ingestion, workflow orchestration, CI/CD

**AI-Assisted Engineering:** AI-assisted development - dbt modeling, refactoring, testing, documentation, code review, CI/CD automation

**Collaboration:** Stakeholder requirements gathering, ad-hoc analysis, cross-functional partnership with Finance, Product, and Data teams

## EXPERIENCE

**Analytics Engineer - Shine (formerly Ageras)** Mar 2025 - Present | Copenhagen, Denmark

- Key contributor to a major revenue consolidation project spanning Shine's various acquisitions, which brought product offerings across banking, invoicing, accounting, payroll, payments, and financing into the company - each originally on its own data systems - unifying revenue and product-activity data to define shared metrics like active users per product, and giving leadership one consistent, single view of overall business performance.
- Developed scalable SQL/dbt models against analyst and stakeholder requirements, improving reliability, performance, and accessibility of core datasets.
- Built and maintained metrics and topics in Omni, laying the foundation for self-service analytics across the company.
- Organized and documented a company-wide metric catalog, standardizing KPI definitions and strengthening governance and trust in reporting.
- Used AI tools throughout the dbt workflow - model building, refactoring, testing, documentation - and built practices for AI-assisted code review and CI/CD automation.

**Senior Data Engineer - Matter** Apr 2022 - Dec 2024 | Copenhagen, Denmark

- Designed and built an automated process to collect highly unstructured sustainability data from 100+ public and paid sources, then modeled and standardized the data and built the pipeline feeding an analytics platform used directly in investment decision-making.
- Optimized storage and structure of large sustainability datasets for query performance and analyst accessibility.
- Built a dataset delivery pipeline automating distribution of climate framework data to clients and internal analytics platforms.
- Tech: AWS, Python, Redshift, Athena, Glue, Step Functions, data modeling & architecture, workflow automation.

**Senior Data Engineer - Moodagent** Jul 2020 - Apr 2022 | Copenhagen, Denmark

- Built the reporting layer for a music streaming service processing large volumes of activity data, directly driving royalty payments to labels and rights organisations.
- Identified bottlenecks across data flows and delivered automated solutions that sped up the monthly reporting cycle.
- Defined data architecture and business requirements for a new label management platform, automating processes for label managers and Finance.
- Tech: AWS, Python, Redshift, Redis, MongoDB.

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## EARLIER EXPERIENCE

**Application Developer - GMV** (Feb-Jul 2020, Bucharest) Built dashboards and spatial analysis tooling for multi-satellite mission planning. Tech: Python, GeoPandas, Power BI.

**Application Developer - Keysight Technologies (formerly Ixia)** (Sep 2015-Feb 2020, Bucharest) Full-stack role building internal business-automation tooling: HR onboarding, IT inventory, CRM workflows, and cross-departmental approval processes for HR, Finance, Order Management, and Shipping; also built a log search engine and an Active Directory-integrated access management tool. Tech: Java, AWS.

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## EDUCATION

B.Eng., Computer Science - University POLITEHNICA of Bucharest (2012 - 2018)

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## CERTIFICATIONS & LANGUAGES

Oracle Academy - Database Design and Programming with SQL (Award of Course Completion)

DELF B1 (French)

Languages: Romanian (native), English (fluent), Spanish (basic), French (basic)