

Frank Stevens

Data Engineering & BI Specialist

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PROFILE

Data engineering professional focused on robust, auditable pipelines and end-to-end data systems that make operational data reliable and usable across teams.

Experienced in integrating fragmented source systems, building governed data models, automating data workflows, and delivering trusted datasets for BI, analytics, forecasting, and decision support.

Brings a quantitative background in economics and applied statistics, with experience translating business questions into structured datasets, metrics, and analytical outputs.

EXPERIENCE

Data Engineering & Web Development

2024-07 - present

[Freelance / datafluent.one](#), Remote

- Delivered data engineering work across fragmented operational systems, integrating API and internal data into medallion architecture layers.
- Standardised schemas and built transformation models for BI, analytics, and ML feature marts.
- Added data quality checks, documentation, and lightweight internal web apps for structured data capture, ingestion, and operational workflows.

Data Engineer and BI Integration

2021-05 - 2024-12

[Abbott](#), Netherlands

- Integrated Salesforce CRM, SAP ERP, finance, product, and open data sources into governed analytics-ready models.
- Built ingestion pipelines, standardised definitions, and validated datasets for BI, forecasting, planning, and reporting.
- Developed Power BI dashboards supporting business insight and stakeholder decision-making.

Business Intelligence Trainee

2021-03 - 2022-12

[People X](#), Netherlands

- Completed an intensive BI traineeship followed by full-time enterprise-client placement.
- Built a foundation in data modeling, SQL analysis, and BI delivery.
- Translated stakeholder requirements into reporting datasets, dashboard definitions, documentation, and practical data-quality improvements.

Research Assistant, Data Stewardship & Research Datasets

2019-10 - 2020-06

[Global Data Lab](#) | [Radboud University](#), Nijmegen, Netherlands

- Supported preparation of research-ready socio-economic and human-development datasets for Global Data Lab's subnational indicator work.
- Cleaned and harmonised source data across countries, regions, years, and indicator definitions, with attention to reproducibility and auditability.
- Maintained data-preparation scripts, validation checks, and metadata notes used to move raw research inputs into documented analysis-ready tables.

Product / Merchandise Specialist

2016-07 - 2018-04

[Foot Locker EMEA](#), Netherlands

- Supported merchandising and allocation across a large EMEA retail network of roughly 600 stores.
- Used sales performance and inventory flow data to optimise product and size distribution.
- Worked with commercial, logistics, and retail teams to resolve stock issues and maintain accurate assortment and inventory data.

Research, Commercial & Analytical Roles

2013 - 2020

Internship, Freelance & Research Experience, Netherlands

- Worked across research, analytics, operations, and commercial roles in academic and business environments, including Under Armour.

- Built Python-based side projects for automated data collection, data integration, monitoring, and operational reporting.
- Developed a Grafana dashboard with automated updates for the global ham radio community.
- Strengthened practical experience in analytical reasoning, automation, integration, observability, and practical data handling.

SKILLS

Data Engineering & Orchestration

- SQL-based data modelling and transformation with dbt, dimensional modelling, and medallion architecture
- Python-based pipelines, automation, and API integrations

Cloud & Data Platforms

- Cloud environments - AWS, GCP, and Azure
- Data platforms - Databricks and BigQuery

Analytics & BI

- Semantic layer design, metric definition, and dashboarding with Power BI, DAX, Looker, and dbt
- Analytical and predictive modelling with pandas, NumPy, and scikit-learn

DevOps & Delivery

- Git-based CI/CD for data workflows with automated testing and data quality checks
- Infrastructure as code with Terraform for reproducible cloud and data platform configuration
- Security and access control including IAM roles and RLS policies

Web Development

- TypeScript with Next.js and Node.js for internal workflow tools
- Monorepo architectures with shared UI and domain logic

EDUCATION

MSc, International Economics & Development

2020

[Radboud University](#) , Nijmegen

- Focused on development economics, international trade, econometrics, applied statistics, and empirical research design.
- Applied quantitative methods to large, multi-source datasets, including data cleaning, variable construction, statistical analysis, and econometric modelling.
- Thesis examined the relationship between Chinese-funded infrastructure and regional poverty outcomes using difference-in-differences models and instrumental variable estimation with two-stage least squares.
- Built reproducible research workflows combining economic theory, statistical modelling, and structured data analysis.
- Thesis and data repository: <https://git.new/zuRhSQW/>

MSc preparatory coursework, International Economics & Development

2019

[Radboud University](#) , Nijmegen

- Completed preparatory coursework in microeconomics, macroeconomics, statistics, and empirical analysis for graduate-level economics.

BBA, International Business and Management Studies

2016

[Hogeschool Arnhem Nijmegen \(HAN University of Applied Sciences\)](#) , Arnhem

- Covered finance, operations, marketing, and strategy with an applied, practice-oriented focus.