

# Nils Indreiten

## Full-stack Data Scientist

Full-stack data scientist with 4+ years of experience building end-to-end ML systems in production environments. Specialised in MLOps, time series forecasting, and marketing applications. Proven track record deploying scalable ML solutions on Databricks and Snowflake, optimizing forecasting systems to achieve < 10% MAPE, and leading technical transformations across finance and analytics teams.

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 London, United Kingdom

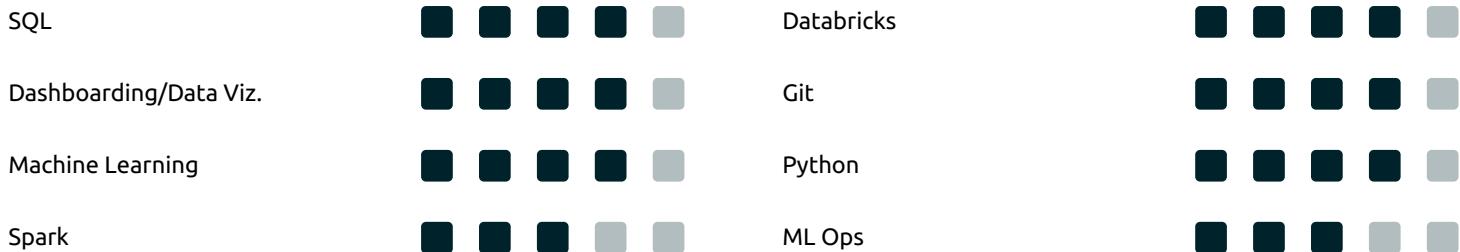
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 [portfolio-js-coral.vercel.app/](https://portfolio-js-coral.vercel.app/)

 [github.com/Jokasan](https://github.com/Jokasan)

## SKILLS



## WORK EXPERIENCE

### Data Scientist

Danone

10/2025 - Present

*Bringing health through food to as many people as possible.*

*London, United Kingdom*

*Achievements/Tasks*

- Architecting ML optimisation framework for the in-house forecasting system covering 10,000+ combinations, implementing hyperparameter tuning and automated model selection to achieve < 10% MAPE, while establishing MLOps best practices including MLflow experiment tracking and model versioning on Databricks.
- Leading GenAI transformation initiative in Finance domain, developing LLM-powered automation tools for report generation, financial analysis, and process optimisation using multi-compound agent systems built with LangChain and MLflow.
- Deploying production ML models integrated into core business workflows, including promotion uplift prediction models serving batch recommendations for £200M+ annual revenue streams.

### Data Analyst

Danone

06/2023 - 10/2025

*Bringing health through food to as many people as possible.*

*London, United Kingdom*

*Achievements/Tasks*

- Built a scalable time series forecasting system using the Nixtla Python library on Databricks, achieving 10% MAPE across diverse product categories, processing 100K+ data points daily and serving as technical lead establishing deployment best practices.
- Engineered production data pipelines and revamped financial reporting infrastructure tracking £200M monthly sales, reducing report generation time by 40% through optimised SQL queries and automated workflows on Databricks.
- Developed interactive dashboards in Power BI for executive stakeholders, enabling data-driven decision making across commercial and finance teams.

# WORK EXPERIENCE

## Data Analyst

Sainsbury's

06/2022 - 06/2023

Driven by our passion for food, together we serve and help every customer.

London, United Kingdom

Achievements/Tasks

- Developed predictive models for customer segmentation and campaign targeting using Python and SQL, supporting marketing initiatives with budgets ranging from £20K to £2M and driving measurable ROI improvements.
- Built automated reporting pipelines that increased team analytical capabilities by 20%, enabling faster insights delivery to commercial stakeholders.
- Executed 2-3 comprehensive analysis plans per financial period, combining statistical modeling with business intelligence to identify customer loyalty drivers and commercial opportunities.

## CRM Analyst

The Gym Group

10/2021 - 06/2022

London, United Kingdom

The UK's best value 24/7 gym with over 200 locations nationwide.

Achievements/Tasks

- Optimised Salesforce Marketing Cloud data architecture, enhancing analytical capabilities by 10% and enabling more sophisticated customer segmentation.
- Designed CRM performance dashboards tracking engagement KPIs (open rate, CTR, conversion) for 200+ gym locations, supporting data-driven marketing decisions.
- Conducted exploratory data analysis identifying upsell opportunities targeting 10K+ customers using statistical methods and behavioural pattern recognition.

# EDUCATION

## MSc Consumer Analytics and Marketing Strategy

University of Leeds

01/2021 - 01/2022

1st Class (Distinction)

## BA Management with Marketing

University of Leeds

09/2017 - 07/2020

1st Class (Hons)

# LANGUAGES

English

*Full Professional Proficiency*

Arabic

*Limited Working Proficiency*

Norwegian

*Full Professional Proficiency*

Spanish

*Full Professional Proficiency*

# CERTIFICATES

Machine Learning at Scale - Databricks Academy [↗](#)

Generative AI Application Development - Databricks Academy [↗](#)