

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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📄 portfolio-js-coral.vercel.app/

🐙 github.com/Jokasan

SKILLS

SQL	<div><div></div><div></div><div></div><div></div><div></div></div>	Databricks	<div><div></div><div></div><div></div><div></div><div></div></div>
Dashboarding/Data Viz.	<div><div></div><div></div><div></div><div></div><div></div></div>	Git	<div><div></div><div></div><div></div><div></div><div></div></div>
Machine Learning	<div><div></div><div></div><div></div><div></div><div></div></div>	Python	<div><div></div><div></div><div></div><div></div><div></div></div>
Spark	<div><div></div><div></div><div></div><div></div><div></div></div>	ML Ops	<div><div></div><div></div><div></div><div></div><div></div></div>

WORK EXPERIENCE

Data Scientist

Danone

10/2025 - Present

London, United Kingdom

Bringing health through food to as many people as possible.

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

London, United Kingdom

Bringing health through food to as many people as possible.

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

London, United Kingdom

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

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	Arabic	Norwegian	Spanish
Full Professional Proficiency	Limited Working Proficiency	Full Professional Proficiency	Full Professional Proficiency

CERTIFICATES

Machine Learning at Scale - Databricks Academy 	Generative AI Application Development - Databricks Academy 
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