



Marcus Winter

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Data scientist with 7+ years of experience building and running machine learning models and decision systems in production. Currently at Freenow by Lyft, closely collaborating with product, engineering and operations on the models behind its real-time marketplace. Works with AI agents daily, integrating them into reliable development workflows.

WORK EXPERIENCE

Freenow by Lyft - Senior Data Scientist, Marketplace

2022 - Present

- Own several real-time marketplace models and decision-support systems; act as central maintainer and point of contact for product, engineering and operations
- Rolled out dispatching models across multiple countries; the models now serve requests accounting for 80% of platform revenue and lifted ride throughput by 1%
- Co-built the marketplace simulator, now used for decision-critical strategic questions, for testing new pricing and allocation algorithms ahead of live experiments, and for reinforcement learning
- Shaped development standards and tooling across the marketplace data science team, from Databricks asset bundles to agentic development workflows
- Interviewed 10+ candidates across all levels; onboarded and mentored new team members

REWE Digital - Data Scientist, E-Commerce

2019 - 2022

- Built machine learning models and decision-support tools for the online grocery delivery business, working directly with operations and product stakeholders
- Developed an analytical assortment model used by category management to rebalance product groups, and a service-level optimisation at item level feeding demand forecasting
- Built and productionised a network expansion model with its own frontend and weekly retraining, used by growth to select new rollout markets
- Built and productionised the data pipelines and frontend behind automated fulfilment-centre monitoring, exposing several malfunctioning components that had been capping capacity
- Owned working-student hiring and supervision; supported hiring for junior roles

Earlier: internships and working student roles in data analytics, business intelligence, digital marketing, data management and consulting - REWE Digital, Capgemini, Otto Group, Yello Strom, CONCERN GmbH (2014-2019).

EDUCATION

University of Cologne - M.Sc. Business Administration

Statistics, econometrics and machine learning. Master thesis: automatic extraction of price information from corporate earnings calls using sentence classification.

Online courses: Intro to Post-training (Fine-tuning & RL for LLMs) · Retrieval Augmented Generation · Agentic AI · Deep Agents with LangGraph · Deep Learning Specialization · Machine Learning Engineer Specialization

SKILLS

Python and SQL day to day, plus hands-on experience with Databricks, Spark, MLflow and Airflow, and with A/B tests and switchback experiments.