

Leo Kravtchin

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Ambitious BI and data engineer with 3+ years of experience across Amazon Accounting and Operations, METRO Markets, and several start-ups. Specialised in Python, AWS, and SQL for data pipelines, machine learning, and metrics automation. Master's degree in computer science and AI from the University of Edinburgh.

EXPERIENCE

Business Intelligence Engineer, Global FinTech / Accounting Technologies Jun. 2025 – Present
Amazon *London, United Kingdom*

- Python and AWS automations for fixed assets journal entries, saving 300+ hours annually
- Expanding the central accounting platform with 5+ new pipelines using CDK and CI/CD
- On-call support 24/7 across 12+ accounting domains worldwide, solving 30+ tickets per day
- Reviewing 10+ pull requests per week, raising the technical bar through best practices

Business Intelligence Engineer, Global Operations Risk Compliance Apr. 2024 – Jun. 2025
Amazon *London, United Kingdom*

- Data analytics and automations across 6 domains, delivered 3 VP goals and 80+ ad-hoc requests
- Supported 10+ external legal escalations and 2 internal audits reported to the board of directors
- Optimised 4 AWS accounts with 2 PB Redshift clusters and supported 200+ users via on-call
- Avoided \$2.2M in fees and de-risked \$1B of revenue through proactive process automations
- Built an automated pipeline taking down 1M+ non-compliant offers from the marketplace per day
- Automated email alerts sent to 500+ selling partners per week in case of non-compliant offers

Business Intelligence Engineer, EU Supply Chain Execution Dec. 2023 – Apr. 2024
Amazon *London, United Kingdom*

- Deployed AWS CDK pipelines for Lambda and Glue ETL, decreasing data latencies by 30%
- Created QuickSight dashboards with 300+ active users, saving 600 hours per week for PMs
- Automated 150+ business review metrics using SQL ETL pipelines, saving 20 hours per week
- Mentored a BIE intern to get hired and deliver data automation projects for the team

Data Engineer, ERP Offer Jun. 2022 – Aug. 2023
METRO Markets *Dusseldorf, Germany*

- Detected 40k faulty customer orders through first-response and post-mortem of incidents
- Automated performance monitoring using Grafana and Slack alerts, increasing coverage by 50%
- Created data pipelines for performance analysis of internal systems, increasing uptime by 25%
- Saved 50 hours per week through data analysis and machine learning reports for leadership

EDUCATION

The University of Edinburgh Sep. 2024 – May 2025
Master of Informatics (MInf Hons.), Upper Second Class *Remote*

The University of Edinburgh Sep. 2019 – May 2023
Artificial Intelligence and Computer Science (BSc Hons.), First Class *Edinburgh, United Kingdom*

PROJECTS

DelphAI - Amazon Agentic AI Hackathon | *Python, React, AWS Bedrock, Lex, SageMaker, Amplify* Feb. 2025

- Internal web app for adding documents to a RAG knowledge base used through an LLM chatbot
- Saved \$10k+ across 4000+ ETL jobs through codebase redundancy and similarity analysis

SlackOracle - AWS GenAI Hackathon | *Python, AWS Bedrock, OpenSearch, Lambda, API Gateway* Sep. 2024

- Q&A Slackbot using an LLM, RAG knowledge base, and OpenSearch for internal chat histories
- Saved 3000+ hours and \$30k+ per week by making internal knowledge available faster

SKILLS

AWS: CDK, CLI, boto3, Bedrock, Amplify, QuickSight, Redshift, Athena, DynamoDB, Glue, S3, Lambda, SageMaker
Python: TensorFlow, PyTorch, Keras, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, PM4PY
SQL: ETL, Redshift SQL, SparkSQL, MySQL, PostgreSQL, Apache Impala, MongoDB, NoSQL
Tools: CI/CD, Apache Airflow, Git, JavaScript, React, Vue.js, Flask, Docker, Java, Spring Boot, Excel, Grafana
GenAI: RAG knowledge bases, MCP servers, prompt engineering, Q Developer, OpenAI API, LLMs, agents