Jevan Cousins

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PROFILE

Data Scientist with 4 years of experience at Allianz Global Investors, engineering analytics solutions for €176B in global Fixed Income portfolios. Built performance attribution models and 20+ automated reports using Python, SQL, and Power BI, delivering £25,000 savings per report and £15,000 annually in reduced maintenance. Developed RAG pipeline for competitive market analysis. Strong foundation in statistical modelling from UCL Physics and Mathematics degree.

SKILLS

Languages: Python, SQL, R, Pandas, NumPy, Scikit-learn
Visualisation: Matplotlib, Seaborn, Plotly, Power BI
Tools: Jupyter Notebook, Databricks, PostgreSQL, Azure, Git, Bloomberg
Certifications: DataCamp Data Science Professional; LIBF Level 6 Diploma in Trading (Distinction)

EXPERIENCE

Allianz Global Investors   Aug 2022 – Present
Solution Architect   London, UK

- Engineered custom performance attribution models, workflows and 20+ reports using Python, SQL and Power BI with data from MSCI BarraOne and Databricks, saving £25,000 per report and £15,000 annually in maintenance
- Led technical implementation of MSCI BarraOne for all global Fixed Income teams and decommissioning of 3 legacy systems, completing a project previously attempted twice over 7 years
- Managed cross-functional delivery for 10+ investment teams (100+ professionals), coordinating a team of 9 analysts and external SMEs to migrate performance attribution to BarraOne, reducing report delivery from T+3 to T+1
- Developed Power BI dashboard for FCA Consumer Duty compliance, enabling the UK Board to identify vulnerable client trends and fund-level issues through quarterly reporting with quarter-on-quarter delta analysis
- Built a Power Platform guidance application with an AI chatbot (Copilot Studio) and developed 50+ Power Automate flows, saving €80,000 annually in external consulting fees
- Pioneered AI adoption by identifying 50+ use cases across operations and directed training workstream to upskill 200+ senior managers
- Evaluated AI vendor proposals worth £3M+ for AI agents and GenAI implementations, assessing architecture quality and ROI

Allianz Global Investors   Jun 2022 – Aug 2022
Investment Infrastructure Intern   London, UK

- Automated all 4 data reconciliation processes between State Street custodian (IBOR) and legacy portfolio management system using SQL and VBA, removing the need for 4 external contractors and saving £200,000+ annually

NF Capital   Oct 2020 – May 2022
Head of Fixed Income   London, UK

- Led team of 3 analysts producing quantitative research reports in Rates, Credit and FX for investment committee

UCL Innovation Lab   Jun 2021 – Aug 2021
Machine Learning Intern   London, UK

- Developed ML-focused Python exercises applying supervised and unsupervised learning to interdisciplinary science problems, now integrated into the Natural Sciences curriculum and used by 560+ students
- Presented research findings to 200+ professors and peers with explanations tailored to diverse technical backgrounds

Amplify Trading   Aug 2020
Summer Intern   London, UK

- Built algorithmic trading strategy in Python using SMAs that outperformed S&P 500 buy-and-hold by 67%
- Ranked 2nd of 70+ interns with +23.4% annual return in equity portfolio management simulation

EDUCATION

University College London   Sep 2019 – Jun 2022
BSc Natural Sciences (Physics, Mathematics & Statistics) – 2.1   London, UK

Relevant coursework: Linear Models & the Analysis of Variance, Practical Machine Learning for Physicists, Mathematical Methods

PROJECTS & INTERESTS

NutriPlan – AI meal planning app: GPT-4o generation, RAG pipeline with pgvector embeddings for semantic meal retrieval, UK-standard nutrition calculations (Python, FastAPI, SwiftUI)
Lineup – iOS concert tracking app with Python data pipeline aggregating 6 APIs, cross-source artist deduplication using MusicBrainz IDs (Swift, Supabase, PostgreSQL)
Football (UCL 1st XI Captain), Chess (Top 1% globally), Personal Tutor (100% A* success rate)