

SUBHAN SHUJAH ALI

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PROFESSIONAL SUMMARY

Politics and Data Science graduate from the London School of Economics with strong technical skills in Python, SQL, R, and data visualisation, alongside applied experience in consulting, analytics, and financial data interpretation. Skilled in predictive modelling, anomaly detection, A/B testing, and dashboard development, with the ability to translate complex data into actionable insights for both technical and non-technical stakeholders. Experienced in applying data to financial, operational, and governance problems – from evaluating international expansion strategies to analysing police crime trends. Resilient and collaborative, with composure developed through competitive boxing and a global outlook shaped by multicultural teamwork at LSE. Committed to building a career in data and analytics within financial markets, combining continuous learning with client-focused impact.

EDUCATION

BSc Politics and Data Science, **SEP 2022 – JUL 2025**
London School of Economics and Political Science, Second Class Honours (Upper Division)

- Studied applied regression, forecasting, data governance, machine learning and macroeconomics.
- Acquired sophisticated technical foundations in Python, SQL, R, and Power BI through applied projects.
- Developed key skills in statistical modelling, clustering, anomaly detection, advanced ML techniques, quantitative methodology, and A/B testing.
- Researched algorithmic bias, ethical AI, and big data extensively in political, medical and financial contexts.

King’s School Grantham **SEP 2015 – JUL 2022**

- A-Levels: Economics (A*); Mathematics (A*); Business Studies (A*).
- GCSES: 10 (6-8), including Mathematics (8) and English (6).

PROFESSIONAL EXPERIENCE

Katalyze Data | Graduate Programmer **SEP 2025 – SEP 2026**

- Selected for a one-year graduate programme combining client-facing consulting with advanced training in analytics (Python, R, SAS, Power BI), cloud (Azure/AWS), and AI applications.

Equi-Scotia CIC | Research Consultant **SEP 2024 – DEC 2024**

- Delivered competitor and market analysis in a consultancy team, identifying opportunities and risks for international expansion into Australasia.
- Visualised and summarised financial and operational trends, presenting digestible insights for a non-technical client.
- Strengthened decision-making by addressing data inconsistencies and applying risk analysis.

Redbridge Amateur Boxing Club | Chief Fundraiser & Analyst **SEP 2023 – SEP 2025**

- Analysed financial accounts and verified community need to secure and justify funding.
- Designed transparent, data-driven funding strategies, to mitigate risks and support youth programmes.
- Managed communications and engaged with boxers, community, and partners to evidence social impact.

Alionic Solutions Ltd | Project Management Intern **MAY 2023 – JUL 2023**

- Supported ERP-linked inventory optimisation for a digital identity client.
- Developed and maintained risk registers, mapping workflows and mitigating 3 key operational risks.
- Delivered concise reports for both technical and non-technical stakeholders.

CERTIFICATIONS

- **IBM Data Science Professional** – Built ML pipelines and dashboards in Python/SQL from real-world data.
- **Harvard CS50 AI with Python** – Applied search, classification, and reinforcement learning models.
- **BCGx Generative AI Simulation** – Prototyped a financial chatbot using Python and GenAI workflows.
- **Bank of America Sales & Trading Simulation (Forage)** – Produced macroeconomic insights and trade analysis.

SKILLS

- **Programming & Data:** Python (pandas, scikit-learn), SQL (joins, windows), R
- **Data Tools:** Power BI, Excel (macros, pivot tables), GitHub Actions, Jupyter
- **Analytics & ML:** Predictive modelling, anomaly detection, clustering, regression, A/B testing, data visualisation, qualitative data analysis
- **Data Engineering Fundamentals:** ETL scripting, data cleaning, reproducibility, querying, workflow pipeline automation & deployment
- **Professional Strengths:** Critical thinking, risk analysis, stakeholder communication, adaptability, resilience under pressure, cross-cultural collaboration

INTERESTS

- **Boxing:** Licensed amateur boxer; developed resilience, composure, and teamwork.
- **Finance & Tech:** Reading literary works around data science, such as *Weapons of Math Destruction*, *The AI Con* and *The Age of Surveillance Capitalism*, to explore ethical risks in data use and AI governance.
- **Global Outlook:** Conversational Urdu; beginner Japanese, with aspirations to build a career across Asia’s growing financial markets.
- **Public Speaking & Networking:** Actively refining influence and communication through mentoring and networking.