

JULIAN ELLIOTT

BSC (HONS)

Data Analyst & Business Analyst

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Julian-Elliott

PROFESSIONAL SUMMARY

Analytical Data Specialist with 13+ years transforming complex data into actionable insights. Delivered £2M+ annual savings through automation and data-driven solutions. Recently mastered Python, ML, and dashboard development via a 16-week intensive Code Institute bootcamp. Passionate about democratising data access and empowering teams through intelligent analytics. Ready to provide the skills and proficiency to help make business and the wider world a better place for everyone through quality data practices.

KEY ACHIEVEMENTS

- £2M+ Annual Savings
- 50% Reduced Failure Demand
- Top Hackathon Performer

PROFESSIONAL EXPERIENCE

Automation Senior Analyst – John Lewis Partnership

- Sept 2021 – Jun 2024
- Remote, UK
- Delivered £2M+ annual savings through process performance analysis and innovative automation solutions.
- Reduced product onboarding failure demand by 50% efficiency improvements, saving 15 FTE.
- Mentored teams on robotic process automation, Blue Prism, UiPath, data analytics and Tableau best practice.
- Built a product onboarding dahsboard within google sheets consumed by 30-100 active users daily.

Customer Delivery Resolution Partner – John Lewis Partnership

- Oct 2020 – Sept 2021
- Remote, UK
- Achieved 7 customer service recognitions for outstanding service delivery.
- Delivered 4 lookout dashboards to identify trends and automate claims processes, saving 0.2 FTE.
- Raised an additional £300,000 in claims through systematic process improvements and trend analysis.

Technology Selling Partner – John Lewis Partnership

- Dec 2013 – Oct 2020
- Cardiff, UK
- Delivering significant repeat customer business to the branch through trusted and personalised service.
- Earned 16 customer service recognitions for outstanding customer support and relationship management.
- Championed central change initiatives, delivering training and support to over 300 partners in store.

EDUCATION

MSc Data Analytics (Part-time) – University of Huddersfield

- 2024–2026
- Remote, UK
- Evaluated PostgreSQL, MongoDB, and Neo4j for energy sector applications.
- Developed MongoDB tutorials for 167+ million smart meters and Neo4j for UK electrical grid topology.
- Analysed 128,147 UK National Grid data points (2016–2025) for net-zero policy decisions.

Data Analyst with AI Bootcamp – Code Institute

- 2025
- Remote
- Built real-time carbon analysis dashboard using NESO API data and machine learning imputation techniques
- Developed ML recommendation engine for Spotify music analysis using nearest neighbour algorithms
- Led team hackathon project delivering retail analytics with RFM segmentation and statistical testing
- Technical proficiency: Python, pandas, scikit-learn, Tableau, statistical analysis, Git version control

BSc Business Information Technology – University of South Wales

- 2009–2012
- Pontypridd, UK
- Developed business process modeling, database design principles, and system architecture fundamentals
- Foundation in Java, SQL, web development, and object-oriented programming methodologies
- Studied data warehousing, business analytics, and information systems for decision support
- Applied agile methodologies and SDLC principles in team-based software development projects

CERTIFICATIONS

Azure Data Fundamentals

GitHub Foundations

Tableau Visualizations

Data Analytics with AI

Cisco Data Analytics

TOOLKIT

Python

SQL

Tableau

Power BI

Google Sheets

Jira

Git

Six Sigma

Tableau Prep

Microsoft Excel

Claude Sonnet 4

Looker Studio

PROJECTS

Julian-Elliott/song-recommendation-...

Music recommendation dashboard built with Python using Spotify track data.

3 Contributors 3 Issues 0 Stars 0 Forks

Julian-Elliott/grid-carbon-analysis

End-to-end analysis of retail sales data with a robust ETL pipeline in Python. Interactive visualisation using Mapbox, Seaborn, and Plotly.

1 Contributor 0 Issues 0 Stars 3 Forks

Julian-Elliott/online-retail-transaction-...

Analysis and feature engineering of the Online Retail Transactions dataset to uncover customer behaviour, product trends, and optimise pricing.

4 Contributors 0 Issues 0 Stars 4 Forks

Julian-Elliott/retail-sales-analysis

End-to-end analysis of retail sales data with a robust ETL pipeline in Python. Interactive visualisation using Mapbox, Seaborn, and Plotly.

1 Contributor 0 Issues 0 Stars 1 Fork