

Chizurum

Data Scientist

London, United Kingdom | [LinkedIn](#)

I turn complex data into decisions that matter.

I'm a Data Scientist with an MSc in Data Science and an MRes in Computer Science (awarded, subject to minor corrections), backed by a foundation in Business Administration that keeps my work grounded in commercial reality. I don't just build models, I understand the business problem behind them.

My background spans healthcare, research, and technology, giving me a perspective most data scientists don't have. I know what it means for a decision to affect a real person, not just a metric. That shapes how I work.

I'm drawn to organisations where data has genuine stakes: the NHS, health tech, finance, public services, or fast-moving start-ups where the right insight at the right time changes outcomes. If you're building something that needs rigorous thinking and clear communication of results, that's where I do my best work.

Currently open to Data Scientist and Data Analyst roles in London and across the UK and Ireland.

Let's connect!

EXPERIENCE

Data Scientist Jul 2025 — Jan 2026

10Alytics

- Designed and deployed end-to-end data visualisation dashboards in Tableau and Excel, integrating pivot tables and dynamic charts to deliver real-time KPI visibility to senior stakeholders.
- Cleaned, standardised, and pre-processed large-scale datasets using Python (Pandas, NumPy) and SQL, achieving a 95% improvement in data quality and reliability for downstream analysis.
- Automated recurring analytics workflows with Python scripting, eliminating 10+ hours of manual reporting per week and improving reproducibility across the team.
- Developed and optimised SQL queries and stored procedures, reducing high-volume query execution times by 40% and significantly improving database performance.
- Built and prototyped machine learning models (Scikit-learn, TensorFlow) to support business forecasting, improving predictive accuracy for operational decision-making.
- Coordinated a cross-functional team of data professionals, improving project delivery efficiency by 20% through structured collaboration and deadline management.
- Partnered directly with business stakeholders to define KPIs, ensuring analytical outputs aligned with strategic priorities and informed executive decision-making.

Data Science Training Jan 2023 — Mar 2023

The Developer Academy

United Kingdom

- Completed end-to-end data science projects covering supervised and unsupervised learning, data visualisation, and model evaluation on real-world datasets.
- Built classification and regression models using logistic regression, decision trees, and neural networks in Python and SQL, achieving strong predictive performance benchmarks.

Data Entry and Research, Student Ambassador Nov 2020 — Sep 2021

University of Plymouth

City Of Plymouth

- Digitised and structured large volumes of survey data into clean, analysis-ready Excel datasets for the Next Steps Southwest longitudinal research project.
- Applied advanced Excel functions (VLOOKUP, pivot tables, conditional formatting) to validate and organise datasets, reducing errors and streamlining reporting workflows.

Copywriter May 2019 — Sep 2020

Extolcopy

Lagos, Nigeria

Sales Executive Nov 2018 — May 2019

Skywatch Aviation

Lagos, Nigeria

Insurance Sales Representative Jun 2018 — Oct 2018

African Alliance Insurance

Lagos State, Nigeria

EDUCATION

Middlesex University

MRes Computer Science

Thesis: Identifying Early Warning Signs of Burnout Among Care Home and Home Care Assistants Using Digital Technology

University of Plymouth

MSc Data Science and Business Analytics

Modules:

Non-Relational Databases in a Big Data Environment

Software Development and Databases

Big Data and Social Network Visualization

Modelling and Analytics for Data Science

Operations and Project Management

Global Supply Chain Management

Dissertation: Monitoring Changes To Cultural Heritage Within Rural Communities Using Social Media Tools

University of Hertfordshire

Bachelor's degree in Business Administration

Go Herts Award: Recipient of the University of Hertfordshire's Go Herts award for displaying evidence of development of enterprise skills and social responsibility – Gold Standard Achieved

University of Surrey

Diploma of Higher Education in Economics

PROJECTS

Revive: Burnout Prediction Tool for Care Workers (2025-2026)

Link: <https://github.com/ChizurumNwachukwu/revive-burnout-prediction-tool>

Built and deployed a live web application that predicts burnout risk in care workers using a decision tree algorithm combining psychometric assessment with biometric data from wearable devices.

The tool administers the Oldenburg Burnout Inventory (OLBI) alongside real-time inputs resting heart rate, sleep duration, and daily step count to classify users into 9 burnout risk categories and deliver personalised, evidence-based recommendations.

Underpinned by original mixed-methods research with 65+ participants across the UK, including interviews, surveys, and live user testing with care workers and managers from London, Oxford, Leeds, Manchester, Plymouth, and beyond.

Key outcomes:

Deployed at revive-tool.com. A functional, user-tested prototype

90% of testers rated the tool easy or very easy to use

Decision tree approach chosen deliberately for explainability over black-box accuracy

Research presented at Middlesex University Postgraduate Research Summer Conference

CERTIFICATIONS

Data Science Bootcamp , The Developer Academy	Jan 2023
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Introduction to Deep Learning in Python , DataCamp	Oct 2022
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Python Data Science Toolbox (Part 1) , DataCamp	Jul 2022
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Intermediate Python , DataCamp	Jun 2022
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Introduction to Python , DataCamp	Jan 2022
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SKILLS

Negotiation · Sales · Yonyx Software · Academic Research · Cascading Style Sheets (CSS) · HTML · Oldenburg Burnout Inventory · OLBI · WordPress · Decision Trees · Mixed Methods Research · Python (Programming Language) · SQL · Machine Learning · Tableau · Pandas (Software) · Predictive Modeling · Data Visualization · MS Excel · Neo4j · Amazon Web Services (AWS) · Consulting · Natural Language Processing (NLP) · VBA Excel · Reporting Requirements · Report Writing · Presentation Skills · Predictive Analytics · Optimization · Customer Data · Communication · Statistics · Scikit-Learn · NumPy · Random Forest · Logistic Regression · Data Science · Microsoft Power BI · R (Programming Language) · Microsoft Excel · Data Analysis · R (programming language) · Leadership · Sales Letters · White Papers · Web Pages · Case Studies · Marketing Strategy · Business Strategy