

VICTOR COLLINS OPPON

Data Scientist

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LinkedIn Profile | GitHub Portfolio

PROFESSIONAL SUMMARY

Data Scientist | MSc Data Science (2026) | 15+ Years Analytical Leadership | FCCA Fellow

Analytical leader with 15+ years of solving complex business problems through advanced data modeling, predictive analytics, and statistical analysis. Successfully built machine learning systems improving decision accuracy by 35%, automated analytics platforms reducing operational costs by 40%, and implemented data-driven strategies across \$50M+ operations. Currently completing MSc Data Science to enhance expertise with cutting-edge ML techniques and scalable data solutions.

Core Value: Rare combination of senior business leadership, proven analytical implementation, and advanced data science capabilities. Expert at translating complex technical insights into strategic business outcomes and leading cross-functional data transformation initiatives.

TECHNICAL SKILLS & TOOLS

Programming & Analysis

Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL (Advanced), R, Statistical Analysis, Machine Learning, Predictive Modeling

Data Visualization & BI

Tableau, Power BI (Advanced), Excel (Expert-level VBA), MATLAB, Interactive Dashboards, Executive Reporting

Data & Cloud Technologies

MySQL, PostgreSQL, MongoDB, AWS (S3, EC2), Hadoop, Spark, ETL Processes, Data Pipeline Development

Business & Domain Expertise

Financial Modeling, Risk Analysis, Business Process Optimization, Strategic Planning, Performance Analytics, Regulatory Compliance

EDUCATION & PROFESSIONAL DEVELOPMENT

MSc Data Science

Middlesex University, London, United Kingdom

Expected Completion: January 2026

Key Modules: Machine Learning, Statistical Analysis, Big Data Analytics, Visual Data Analysis, Cloud Systems, Natural Language Processing, AI Ethics

Applied Projects: Predictive modeling for business applications, automated analytics systems, real-world data science implementations

MBA Finance

Wisconsin International University College, Legon, Ghana

Foundation: Strategic analysis, quantitative methods, business process optimization, data-driven decision making

BSc Administration (Accounting) - First Class Honours

University of Ghana Business School, Legon, Ghana

Analytical Foundation: Statistical analysis, research methodology, performance measurement, quantitative analysis

PROFESSIONAL EXPERIENCE

Senior Finance Manager (Advanced Analytics & Automation)

SIA QSR Ltd | July 2023 - December 2024

- Architected integrated analytics platform connecting multiple data sources using Python and Power BI, improving executive decision-making speed by 35% and enabling real-time performance monitoring across business operations
- Developed and deployed predictive financial models using machine learning and statistical analysis, achieving 20% improvement in resource allocation accuracy and reducing forecast errors by 15%
- Built automated reporting systems using Python scripts and advanced VBA, reducing manual processing time by 40% while improving data accuracy and eliminating human error
- Led enterprise data transformation initiatives, collaborating with IT and operations teams to implement scalable analytics solutions and establish data science best practices

Finance Manager (Business Intelligence & Predictive Analytics)

Chase Petroleum Company Limited | July 2020 - June 2023

- Spearheaded enterprise-wide BI transformation implementing advanced analytics platform, reducing manual reporting by 50% and delivering interactive dashboards for \$50M+ annual revenue operations
- Designed statistical forecasting models using time series analysis and machine learning techniques, improving budget accuracy by 15% and providing predictive insights for strategic planning
- Built automated data integration pipelines and ETL processes, reducing spreadsheet dependency by 50% and ensuring consistent, accurate business intelligence across multiple departments
- Delivered advanced analytical insights supporting executive decision-making, competitive intelligence, and operational optimization initiatives across energy sector operations

Chief Accountant (Data Systems & Analytics)

Puma Energy Limited | January 2017 - June 2020

- Led analytical operations across four subsidiary companies, implementing systematic data validation processes that achieved zero audit discrepancies and 100% reporting accuracy
- Developed trend analysis and predictive modeling frameworks, improving profit margin visibility by 25% and supporting strategic pricing and investment decisions
- Automated complex reporting systems using advanced Excel VBA and database connectivity, reducing reporting cycle time by 50% and improving operational efficiency
- Created executive analytics dashboards providing real-time KPIs, supporting C-level strategic planning and performance monitoring across multiple business units

Finance Manager (Treasury Analytics)

Juwel Energy Limited | April 2013 - December 2016

- Managed quantitative analysis for \$300M+ treasury operations, implementing risk modeling and dashboard-based monitoring systems for strategic financial decision-making
- Developed sophisticated investment tracking and performance analytics tools, providing board-level insights for portfolio optimization and capital allocation
- Implemented data-driven treasury processes, improving working capital efficiency by 18% through predictive cash flow modeling and automated reporting systems

Senior Accounts Officer (Business Analytics)

Cardinal Petroleum Ltd | August 2009 - March 2013

- Built statistical forecasting models achieving 15% improvement in budget accuracy through advanced trend analysis and regression modeling techniques
- Developed cost optimization analytics, reducing operational expenses by 12% through systematic identification of efficiency opportunities and performance measurement
- Standardized analytical reporting processes and KPI frameworks, improving organizational consistency and regulatory compliance by 20% across all departments

APPLIED DATA SCIENCE PROJECTS

Predictive Risk Assessment Model for Healthcare Operations

Business Impact: £2M+ cost avoidance potential | Technologies: Python, Scikit-learn, Statistical Modeling, Risk Analysis

- Developed machine learning classifier for operational risk prediction using healthcare dataset with 10,000+ patient records, achieving 82% prediction accuracy
- Applied advanced feature engineering and statistical validation techniques, identifying key risk factors and improving early intervention strategies
- Created comprehensive business case demonstrating potential £2M+ annual cost savings through predictive analytics implementation
- Delivered executive-ready presentation with clear ROI analysis and implementation roadmap for organizational decision-making

Market Intelligence Analytics Platform

Business Applications: Investment decision support | Technologies: Python, NLP, Advanced Analytics, Data Visualization

- Built comprehensive market analysis platform processing 15,000+ data points across London property markets, delivering actionable investment insights
- Implemented natural language processing and sentiment analysis algorithms, revealing market trends and competitive positioning opportunities
- Created interactive analytics dashboards demonstrating market intelligence, pricing optimization, and investment risk assessment capabilities
- Delivered data-driven recommendations supporting strategic investment decisions and market entry analysis

Complete Portfolio: github.com/victoropp

PROFESSIONAL QUALIFICATIONS & CERTIFICATIONS

- **FCCA** - Fellow, Association of Chartered Certified Accountants

- **MATLAB Programming & Analytics** – MathWorks (2025)
- **Microsoft Power BI Expert Certification** – Advanced Analytics & Visualization
- **Advanced Excel & VBA Specialist** – IACT Professional Certification
- **Python for Data Science** – Professional Development (Ongoing)
- **Member:** Middlesex University Data Science Society

Professional references available upon request.