

Emmanuel Kyulu

Data Science Leader & Founder,
Data Insight Solutions

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EDUCATION

Data Science and Machine

Learning, African Data School

2024

SUMMARY

Highly accomplished data science leader with expertise in leveraging cloud technologies to drive business innovation. Proven track record of transforming complex data into actionable insights that propel organizations toward sustainable growth and success.

SKILLS

- Data Analysis & Visualization
- Machine Learning & AI
- Cloud Computing (AWS)
- Project Management
- Team Leadership

WORK HISTORY

Data Engineer, Tech Innovations Inc. (2025-Present)

- Scalable Data Infrastructure: Addressing the challenge of handling large datasets, I planned and implemented a cloud-based data lake using AWS, enabling real-time data analysis and improving supply chain efficiency by 30% for a global retail client.
- Innovation Leadership: Spearheaded an internal innovation project, developing an AI-powered chatbot that reduced customer support queries by 20% and improved customer satisfaction ratings by 15%.

AWARDS

2023 Open AI Prompt Engineering
Certificate

2023 Microsoft Machine Learning
Certificate

2024 ALX AI Career Essentials
Certificate

2024 Data Science and Machine
Learning Certificate

Data Science Consultant, Data Insight Solutions (2024-2025)

- Transformed Operational Efficiency: Faced with the challenge of inefficient data processing, I executed a cloud migration strategy using AWS services, resulting in a 40% reduction in operational costs and a 30% increase in data processing speed.
- Enhanced Predictive Capabilities: Led the development of a predictive analytics platform for a major healthcare provider, achieving a 25% reduction in operational costs and significantly improving patient outcomes through data-driven decision-making.
- Strategic Partnership Development: Influenced key stakeholders to adopt data-driven strategies, fostering a culture of collaboration across departments and enhancing organizational alignment with business objectives.

Data Analyst, Insight Analytics (2023-2024)

- Data-Driven Insights: Faced with the challenge of manual data

analysis, I executed a project to automate reporting processes using Python and SQL, saving the company 500 human hours per quarter and increasing report accuracy by 90%.

- Team Mentoring: Mentored junior analysts in data visualization techniques, resulting in a 25% increase in team productivity and a significant improvement in the quality of insights delivered to clients.
- Client Engagement: Developed and presented data insights to clients, influencing business strategies and contributing to a 10% increase in client retention rates.