

# OLOTU SAMSON AYODELE (MBCS)

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## SUMMARY

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Results-driven data professional with over four years of experience spanning logistics, education, and data analytics. Proven ability to transform complex datasets into actionable insights that enhance business efficiency and support informed decision-making. Adept in Python, Apache Spark, SQL, Power BI, and AWS, with a strong focus on anomaly detection, scalable data pipelines, real-time analytics, and privacy-compliant solutions. Passionate about interpretable machine learning and cloud-based big data infrastructure.

## EDUCATION & CERTIFICATE

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University of Salford, UK

Jan 2022 – Jun 2023

Dissertation: Exploring the Interplay between Dimensionality Reduction, Feature Selection, and Machine Learning Performance: A Comparative Study

- Investigated advanced feature engineering strategies and their impact on machine learning in large datasets.
- Developed scalable and interpretable models applicable to healthcare and anomaly detection.

University of Ilorin, Nigeria

Sep 2014 - Oct 2018

## WORK EXPERIENCE

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Data Analyst

June 2022 – Present

Seamless Source - Manchester, UK

- Implemented advanced data mining and anomaly detection techniques on structured and unstructured data.
- Built scalable, real-time data pipelines using Apache Spark for finance analytics.
- Collaborated with stakeholders to automate anomaly alerts in dashboards for operational decision-making.
- Conducted noise filtering and validation processes aligned with data privacy protocols and GDPR.

School Coordinator  
2021

Sep 2019 – Dec

Bright Explorers School Limited – Lagos, Nigeria

- Managed administrative operations and improved organizational systems for records, attendance, and scheduling.
- Facilitated communication among staff, parents, and administration, maintaining high confidentiality standards.
- Coordinated events and managed student information with efficiency and precision.

**Admar Logistics – Lagos, Nigeria**

- Handled logistics documentation, including invoices, delivery notes, and order forms with accuracy and attention to detail.
- Maintained organised digital and physical filing systems, while entering and updating data using Excel and logistics software.
- Supported inventory checks and ensured all administrative tasks complied with company policies and data protection standards.

**SKILLS**

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|-------------------------------------|---|
| • Python and R                      | • Machine Learning                              |
| • Apache Spark and Databricks       | • Microsoft Office Suite (Outlook, Excel, etc.) |
| • Data Mining and ETL processes     | • Business Management and Intelligence          |
| • Power BI & Tableau                | • Teamwork and Collaboration                    |
| • SQL (MySQL, PostgreSQL)           | • Natural Language Processing (NLP)             |
| • AWS Cloud                         | • Problem-solving and Critical Thinking         |
| • Data Mining and Anomaly Detection | • GDPR & Information Governance                 |

**FEATURED PROJECT**

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**Hotel Review Analysis (Website: [Link](#))**

Performed NLP-based sentiment analysis on 10,000+ hotel reviews using Python and spaCy; visualized insights in Power BI to identify key satisfaction drivers.

**Resource Contribution to GDP in Africa (Website: [Link](#))**

Carried out Statistical Analysis and developed a dashboard analyzing resource contributions to GDP.

**CERTIFICATIONS AND TRAINING**

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- Data Analytics – AWS Academy
- Data Science with Python –
- Advanced SQL for Data Analytics –
- Power BI –
- Information Governance & GDPR –

**AWARDS & RECOGNITION**

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Bright Explorer School Limited | June & November 2021

Admar Logistics Limited | March 2019

**RESEARCH INTEREST (for PhD/fellowship inclusion)**

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Big Data Infrastructure, Scalable Analytics, Anomaly Detection, Data Visualization, Privacy-Preserving ML, Real-Time Dashboards