

Abigail Latinwo

London, United Kingdom | | seunjeda@yahoo.com

Professional Summary

As an aspiring Data Science MSc candidate, I bring a robust skill set in advanced data cleaning, visualization, and problem-solving. Proficient in a diverse array of tools including Excel, Tableau, SQL, Python, and R, I offer versatile expertise in data analysis. My commitment to clear communication and collaborative teamwork ensures seamless integration into your organization's data-driven endeavors.

At HCA Laboratories, my role as a Specialist Biomedical Scientist has honed my analytical prowess, particularly in healthcare data analysis. Excelling in managing intricate datasets such as Quality Control readings using Excel, I am adept at analyzing blood samples, validating results, and ensuring equipment maintenance. Leveraging Tableau, I drive actionable insights and spearhead departmental enhancements through effective collaboration.

My career journey, starting as a Medical Laboratory Assistant, has instilled in me an unwavering attention to detail essential for a data-driven approach. Through continuous learning and hands-on experience, I've refined my analytical, communication, and teamwork skills, poised to contribute significantly to your organization's success. I am eager to explore how my expertise can align with your objectives and drive impactful outcomes.

Skills

- **SQL (MySQL) and Data Programming (Python):** Mastery in SQL querying and data manipulation, particularly with MySQL databases, allowing for efficient data extraction, transformation, and loading (ETL) processes. Proficient in Python programming for data analysis, including data cleaning, manipulation, and advanced statistical analysis using libraries such as Pandas, NumPy, and SciPy.
- **Data Visualisation:** Proficiency in creating insightful visualizations and dashboards to communicate complex data insights effectively. Skilled in using tools like Tableau or Power BI, to create interactive and visually appealing charts, graphs, and reports for stakeholders.
- **Data Management and Machine Learning:** Expertise in data management practices, including data storage, organization, and retrieval, ensuring data integrity and accessibility. Skilled in machine learning techniques such as supervised and unsupervised learning, classification, regression, clustering, and dimensionality reduction, leveraging algorithms like decision trees, random forests, support vector machines (SVM), and k-means clustering.
- **Statistics and Probability:** Strong foundation in statistical principles and probability theory, enabling accurate data interpretation, hypothesis testing, and predictive modelling. Proficient in descriptive and inferential statistics, probability distributions, sampling techniques, and statistical tests such as t-tests, chi-square tests, and ANOVA.
- **Excel/Google Sheets, Microsoft Office Applications.**

Soft Skills

- Adaptability
- Teamwork
- Communication
- Creative Problem-solving
- Interpersonal Skills
- Innovation
- Critical thinking
- Time management Skills

Education and Certifications

- **MSc Data Science** - University of Aberdeen, Scotland **2025**
- **Biomedical Graduate Certificate** - Ulster university, Northern Ireland **2019**
- **BSc Biochemistry** - University of Westminster, London **2016**

Employment History and Work Experience

Business Analyst

Jan 2023– Dec 2023

Height Magna Limited, London

Project: (Electronic Patient Records Management System)

- Engineered and deployed an iOS mobile clinical administrative application, resulting in a 40% improvement in data accessibility for healthcare professionals.
- Led a team of 8, implementing agile practices that increased project delivery speed by 30%.
- Directed a GAP analysis and business process reengineering project that enhanced operational efficiency by 25% and aligned business processes with strategic goals.
- Authored comprehensive process documentation and flow diagrams, improving stakeholder understanding and project alignment, reducing miscommunication issues by 50%.
- Gathered, provided input and developed training materials and conducted training sessions with business users to improve adoption and efficient use of all systems related to the healthcare job functions.

Specialist Biomedical Analyst

HCA Laboratories, London

August 2022 – Present

- Ensured critical data accuracy and equipment functionality, contributing to a 15% improvement in laboratory efficiency.
- Advanced utilization of IT systems for data management, increasing data processing speed and reliability by 20%.
- Enhanced laboratory data quality control measures, reducing error rates by approximately 10%.
- Following the ISO standards, Information governance and Data protection procedure.
- Conducted analysis and documentation of existing business processes, recommended process improvements.

Biomedical Scientist

Barnsley/ Kings College Hospital

September 2019 - July 2022

- Carrying out first line equipment and troubleshooting, advising line manager of situations requiring further action, and working with service engineers on fault resolution which may include dismantling instruments to carry out initial repairs.
- Awareness of possible causes of erroneous results which may arise from instrument/method failure, pre-analytical variables of QC failure to resolve the problem.
- Proficient use of the information technology systems such as Meditech, Q-pulse, & Datix within the department.
- Assisting in planning one's own work and that of other staff within a section.
- Participating in departmental meetings and contributing effectively within the department.

Projects

- GitHub Repository

<https://github.com/Seunjeda>