

SUMAYYAH OLUWASEUN ALIYU-JIBRIL
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Personal Profile:

I am a graduate of Data Analyst who is results-oriented and has a solid foundation in computer science and data science. I have a strong interest in using cutting-edge technological solutions and data-driven insights to tackle challenging issues. I have practical expertise in programming, machine learning, and data analysis. I am flexible and willing to relocate.

Skills:

- Proficient in analysing large datasets to uncover insights and create compelling visualizations using Python, R, Excel, GIS, and SAS tools.
 - Experience in building and deploying machine learning models for predictive analytics, including regression, classification, and clustering algorithms.
 - Strong proficiency in Python, R, SQL, and SAS.
 - Skilled in data cleaning, pre-processing, and transformation to prepare datasets for analysis.
 - Strong interpersonal and communication skills, capable of working effectively in cross-functional teams and presenting technical information to non-technical stakeholders.
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Professional Experience:

Student Ambassador University of Wolverhampton

December 2023 – Present

- Maintain accurate records and ensure smooth communication during open day events, demonstrating strong organizational skills.
- Assist prospective students in learning more about the academic offerings of the university by guiding them via events and activities.
- Data cleaning, validation and analyzation for proper event planning.
- Student data utilization , security and management using SQL Server.
- Updating students records during ID check and confirmation of study as the ASK@WLV principal service team.

University of Wolverhampton

British Computer Society

September 2023 – July 2024

- Tutorial organization with appropriate Data analysis and cleaning for new intake
- Voluntary support to staffs and students at the school during society events and activities

Data Analyst

National Population Commission Nigeria — April 2023 – Till date

- Developed and optimized machine learning models to analyse demographic data and predict population trends.
- Conducted data cleaning and pre-processing to ensure the quality and accuracy of datasets using Excel and ArcGIS.
- Created data visualizations and reports to communicate findings to senior management and support data-driven policy decisions.

IT Support Officer/Data Quality Manager

National Population Commission Nigeria — September 2018 – March 2023

- Provided technical support and training to staff on data management and analysis tools, enhancing their ability to work with complex datasets.
- Assisted in the integration of new data analytics tools, improving the efficiency and accuracy of data processing workflows.

Education:

MSc Data Science

University of Wolverhampton — 2023 - 2024

Relevant coursework: Machine Learning, Data Mining, Statistical Modelling, Data Visualization

BSc Computer Science

Al-Hikmah University, Ilorin, Kwara State, Nigeria — 2015 - 2018

Relevant coursework: Algorithms, Database Management, Software Engineering, Applied Mathematics, Artificial Intelligence

Projects:

Partisan Echoes in Digital Chambers: A Sentiment Analysis of Congressional Tweets by Party and Chamber In 2024 (Academic Project)

University of Wolverhampton — 2024

- Developed a machine learning model to perform sentiment analysis on congressional tweets, enhancing understanding of partisan communication.
- Utilized Python libraries such as Scikit-learn and Pandas for model development and data analysis.

Cloud Security Using Least Significant Bit (LSB) Steganography and Data Encryption Standard (DES) Algorithm (Academic Project)

Al-Hikmah University — 2018

- Explored cloud security using a combination of LSB steganography and DES encryption, improving data security strategies.

Certifications:

- **SAS Viya Certificate**

References:

Available upon request.