

Adamu, Aminu Habib

Data Scientist

Mobile: +2347034869114
Email: adamuaminu23@yahoo.com
LinkedIn: linkedin.com/in/aahabib
Address: No. 20A Soba Road,
Tukur-Tukur, Zaria, Kaduna State.

PROFILE SUMMARY

Data Scientist with 2 years of experience in Python, SQL, R, and Machine Learning, demonstrating a proven grasp of predictive analytics using established tools. Proficient in web scraping, adept at data cleaning, and skilled in building and deploying scalable data pipelines. Awarded a ₦4,000,000 research grant. Eager to apply my skills and contribute as a Data Scientist Entry-level.

SKILLS

PROFESSIONAL SKILLS	Data Manipulation Data Visualization Data Modeling Presentation Skills Teamwork Excellent Communication Analytical Problem-Solving RESTful APIs
TECHNICAL SKILLS	MS Excel PowerBI SQL MySQL Python PyTorch Scikit-Learn HTML

PROFESSIONAL EXPERIENCE

Sept 2023 - Present	Data Science Fellow , Click-On Kaduna Data Science Fellowship 3.0 <ul style="list-style-type: none">Developed and oversaw Python scripts within Azure Data Factory pipelines, managing data derived from DHIS2 and Kaduna State ISS exercises.Applied Excel and Python for in-depth analysis of health facility data in Kaduna State, extracting valuable insights utilized in shaping the Health Facility Analytics Dashboard (HEFA).Produced Power BI reports to facilitate data-driven decision-making processes.Engineered ODK scripts for the Kaduna State School Census (ASC) data collection initiative, actively contributing to data gathering efforts.Spearheaded the team in formulating impactful data strategies, assuming responsibility for presenting data through Power BI.
Jan 2023 – Present	Lecturer III , Nuhu Bamalli Polytechnic, Zaria <ul style="list-style-type: none">Teaching A-level organic and practical chemistry, guiding students to attain 7-15 points in IJMB final exam.Delivered lessons to 150+ students, implementing a learner-centered method that was commended in students' academic achievements.Administered performance assessment and supervised students during examination.Developed and enhanced teaching strategy, integrating data visualization to improve students' retention.
Jan 2020 – Jan 2023	Graduate Assistant Lecturer , Nuhu Bamalli Polytechnic, Zaria <ul style="list-style-type: none">Instructed organic chemistry courses to 100+ students, delivering engaging lectures and practical laboratory sessions to A-level students.Conduct both qualitative and quantitative analysis with students.Ensured laboratory standard operating procedures are maintained by students.Created and presented informative data visualizations to illustrate key chemical reactions during lectures and lab sessions.
Feb 2018 – Jan 2020	Head Teacher/Classroom Teacher , State Universal Basic Education Board, Kaduna. <ul style="list-style-type: none">Served in a double role due to the disengagement of unqualified teachers by the Kaduna State Government.Ensured discipline in the classroom; prepared comprehensive lesson notes and lesson plans.Managed 300+ pupils' school and 4 staff; enforced staff attendance and daily row call.Represented the school in Head Teachers meetings; protected the interest of the school, and received teaching material from the Local Government.

PROJECTS

Space X Falcon 9 First Stage Landing Prediction

- Executed data collection utilizing web scraping and SpaceX API, integrating a Get Request.
- Conducted exploratory data analysis (EDA) using SQL in a Db2 database.
- Performed EDA and feature engineering, encompassing data wrangling, visualization, and interactive analytics with Folium Lab.
- Developed a dashboard using Plotly Dash for comprehensive data representation.
- Applied machine learning techniques for predictive analysis.

Netflix Movies and Shows Analysis

- Conducted comprehensive data analysis on Netflix movies and shows, extracting meaningful insights into viewer preferences and content trends.
- Employed data visualization techniques to present findings, enhancing understanding and facilitating data-driven decision-making for content strategy.

Finding Prime Numbers Below 1 Million

- Developed a Python script to identify prime numbers below 1 million using efficient algorithms, optimizing computational performance.
- Utilized mathematical principles and programming skills to implement a robust solution for the prime number identification project.

EDUCATION

2019 – In Progress	Masters in Environmental Chemistry	Ahmadu Bello University, Zaria
2019 – 2021	Professional Diploma in Education	Federal College of Education, Zaria
2012 – 2016	B.Sc. (HONS) Chemistry	Bayero University, Kano
June 2012	National Examination Council (NECO)	Government Secondary School, Gwarzo, Kano

CERTIFICATIONS

Dec, 2023 – In Progress	Google Project Management – Coursera
Dec, 2023 – In Progress	IBM Advanced Machine Learning and Signal Processing - Coursera
Dec, 2023	NITDA Data Science Expert – Coursera
Sept, 2023	NITDA Data Science Professional – Coursera
July, 2023	NITDA Data Science Associate – Coursera
Jun, 2023	NITDA Digitally Ready Professional – Coursera
Jan, 2021	Soft Skills, Jobberman - Coursera
Dec, 2019	Business Entrepreneurship Digital, FATE Foundation (Facebook Nigeria)
Feb, 2018	Proficiency Certificate in Management, Nigerian Institute of Management (Chattered)
Jun, 2009	Certificate in Computer Application & Data Processing, Teku Computer Institute

HONORS AND AWARDS

11 Sept, 2023	Data Science Fellow – Click-On Kaduna, Kaduna Bureau of Statistic, Kaduna State.
18 Jun, 2023	Data Science Scholarship - National Information Technology Development Agency (NITDA)
21 Jan 2021	Research Grant (₦4,000,000), Ministry of Education, Kaduna State
2019 - 2021	Rector's Award-Best Chemistry Lecturer (₦20,000), Department of IJMB Sciences, Nuhu Bamalli Polytechnic, 2019/2020 academic session
16 Aug 2019	Aspiring Entrepreneurship Program, FATE Foundation/Facebook Nigeria

ASSOCIATIONS, AFFILIATIONS, AND GROUPS

1, Dec, 2023	AI+ Member – AI+ Community, Data Science Nigeria
11 Sept, 2023	Data Science Alumna - Community of Practice, Click-On Kaduna
1 Jun, 2023	Member – Data Science Nigeria (DSN)
18 Feb 2021	Certified Professional Teacher, Teachers Registration Council of Nigeria (TRCN)
05 Dec 2029	AEP77 Alumna, FATE Foundation
1 Jun 2019	Graduate Member, Nigerian Institute of Management (Chartered)