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	PyToch	Scikit-Learn	HTML

PROFESSIONAL EXPERINCE

Sept 2023 - Present

Data Science Fellow, Click-On Kaduna Data Science Fellowship 3.0
- 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
- 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
- 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.
- 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

CERTIFICATIONS

Dec, 2023 – In Progress	**Google Project Management –** Coursera
Dec, 2023 – In Progress	**IBM Advanced Machine Learning and Signal Processing –** Coursera
Dec, 2023	**IBM Data Science Professional Certification -** 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)