

Dick Madueke Chukwu

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| Objective | Highly skilled and results-driven Data Scientist with over 4 years of combined experience in data analysis, machine learning, and predictive modeling. Adept at solving complex problems through data-driven insights and delivering actionable recommendations. Proficient in Python, R, SQL, and advanced analytics tools. Experienced in building scalable models for industries such as finance, healthcare, and marketing. Passionate about leveraging data to drive business growth and innovation. |
| Skills & Abilities | <p>Programming Languages: Python, R, SQL</p> <p>Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau</p> <p>Machine Learning: Scikit-learn, TensorFlow, Keras, XGBoost</p> <p>Big Data Tools: Hadoop, Spark (if applicable)</p> <p>Database Management: MySQL, PostgreSQL, MongoDB</p> <p>Cloud Platforms: AWS, Azure, Google Cloud Platform</p> <p>Version Control: Git, GitHub</p> <p>Web Analytics: Google Analytics, Google Tag Manager</p> <p>Web Development: HTML, CSS, JavaScript</p> <p>Other Skills: Data cleaning, feature engineering, statistical modeling, A/B testing, natural language processing (NLP), Docker, front-end web development.</p> |
| Experience | <p>Data Scientist 2023 – Till Date</p> <p>Schoolville Academy</p> <ul style="list-style-type: none">▪ Developed and delivered comprehensive data science training programs, teaching concepts such as Python programming, data analysis, machine learning, and deep learning to students of various skill levels.▪ Designed hands-on projects and capstone assignments, guiding students in building real-world applications like customer segmentation, loan approval prediction, and disease classification.▪ Conducted live coding sessions and workshops, simplifying complex topics like feature engineering, model evaluation, and deployment using scikit-learn and TensorFlow.▪ Mentored students individually, providing personalized feedback and career guidance to help them transition into data-focused roles.▪ Utilized advanced statistical and machine learning models to solve business challenges such as customer clustering, loan approval prediction, disease classification, and insurance charge estimation. |

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| | <ul style="list-style-type: none"> ▪ Automated workflows to streamline data processing, visualization, and reporting, ensuring timely delivery of actionable insights. ▪ Deployed machine learning models to production environments, creating scalable and maintainable systems. ▪ Collaborated cross-functionally with stakeholders to understand business requirements and translate them into technical solutions. ▪ Documented processes and created detailed reports to facilitate reproducibility and stakeholder communication. <p>Digital Marketing Analyst 2020 – 2023 Schoolville Limited</p> <ul style="list-style-type: none"> ▪ Monitor, analyze, and report on the performance of digital marketing campaigns across channels (e.g., SEO, PPC, social media, email, and website). ▪ Use tools like Google Analytics, Google Ads, and social media platforms to track KPIs and identify trends. ▪ Conduct A/B testing and recommend improvements to enhance campaign effectiveness. ▪ Develop dashboards and reports to communicate insights to stakeholders. ▪ Collaborate with marketing teams to align data findings with business goals. ▪ Analyze audience behavior and segment data to refine targeting and personalization strategies. ▪ Stay updated on industry trends and emerging digital marketing tools. <p>Field Researcher 2019 – 2020 Nielsen</p> <ul style="list-style-type: none"> ▪ Plan and conduct field research activities to collect data, samples, or observations. ▪ Utilize surveys, interviews, and observation techniques to gather information. ▪ Accurately document findings and maintain detailed records of fieldwork. ▪ Analyze and interpret data to provide actionable insights. ▪ Collaborate with teams to ensure research aligns with project goals. ▪ Adhere to ethical and safety standards while conducting fieldwork. ▪ Prepare comprehensive reports and present findings to stakeholders. |
| Education | <ul style="list-style-type: none"> • Ahmadu Bello University, Zaria (MSc) September 2024 - Present Master of Science in Information Management • Federal University of Technology, Owerri (BEng) 2014 - 2018 Electrical Electronics Engineering (Telecomm) |

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| | <ul style="list-style-type: none"> • Federal Polytechnic, Damaturu (ND) 2011 – 2013 Electrical Electronics Engineering |
| Projects | <ul style="list-style-type: none"> • Recommendation System: Built a personalized recommendation engine for movie, music, course and travel platforms. • Classification & Regression Models: Developed predictive models for loan approvals and insurance cost estimation. • Deep Learning Model: Designed a CNN-based disease classification system using TensorFlow. • Chatbot: Created an AI chatbot leveraging Gemini Pro API for conversational interactions. • Portfolio Website: Showcased projects and skills at Portfolio. Click to view |
| Interests | AI, Data, Web Analytics, Cloud, and Football. |
| References | Available upon request. Contact Information |