MUYIWA ABIDOYE

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PROFESSSIONAL SUMMARY

Highly skilled Data Science and Analytics professional with over 4 years of comprehensive experience in building data science, analytics, machine learning, natural language processing, statistical analysis and business intelligence products. Adept at transforming complex data into clear, actionable insights using advanced statistical methods, hypothesis testing, and state-of-the-art visualization techniques. Mastery of industry-standard machine learning tools, techniques and programming languages for the development of innovative and efficient data solutions that drive business success.

TECHNICAL SKILLS

- Programming Language: Python.
- Machine Learning: PyTorch, Scikit-Learn, TensorFlow, Numpy
- Exploratory Data Analysis: Pandas, Seaborn, Matplotlib, Plotly, DuckDB, Polars, Ms Excel
- RDBMS: MySQL, PostgreSQL, MS SQL server, Google Big Query
- Experimentation: SciPy, StatsModels, SPSS
- Generative-AI and LLMs: Gemini, Ollama, OpenAI, LangChain, CrewAI, LLamaIndex
- Model Deployment: FastAPI, Streamlit, Git & GitHub, Docker
- Business Intelligence: PowerBI, Tableau, Plotly-Dash

EXPERIENCE

APPCLICK TECHNOLOGIES (HYBRID).   **AUG. 2023-TILL DATE**
DATA SCIENCE & ANALYTICS LEAD.

- Spearheading a high-performing, cross-functional team of data scientists, and analysts driving the delivery of advanced data-driven solutions that significantly enhance operational efficiency and streamline business processes.
- Pioneered the development, scaling, and maintenance of a cutting-edge customer support Retrieval-Augmented Generation (RAG) application, effectively eliminating support ticket backlogs and revolutionizing the customer support experience.
- Designed and implemented interactive data dashboards that translated complex insights into intuitive visualizations for non-technical stakeholders, significantly reducing the time required for decision-making and enhancing data accessibility across the organization.
- Implemented robust data quality standards and governance frameworks, ensuring data accuracy and compliance, which led to a remarkable 65% reduction in data errors and enhanced the reliability of organizational insights.
- Developed a robust customer segmentation analysis by extracting actionable insights from large datasets, enabling the creation of highly targeted marketing strategies that drove significant improvements in customer engagement and conversion rates.

YOH COMMUNICATIONS. (CONTRACT)   **MARCH 2024 - DEC 2024**
CONSULTANT ML & AI ENGINEER.

- Developed and deployed a state-of-the-art Topic Modeling algorithm that drives the Trend segment of the application, delivering highly accurate and insightful content categorization, significantly enhancing user engagement and content discovery.
- Trained and deployed the platform's post classification model, a fine-tuned BERT-based architecture, enabling premium users to effortlessly follow trending conversations by automatically filtering out irrelevant and redundant posts, thereby enhancing user experience and content relevance.
- Made key contributions to the development of innovative features and products, including a cutting-edge RAG-based chatbot, advanced image and video watermarking solutions, and the design of a comprehensive user analytics dashboard, driving enhanced user engagement and data-driven insights across the platform.

PARACH ICT ACADEMY IBADAN (HYBRID)   **OCT. 2022 – AUG 2023**
DATA SCIENCE AND ANALYTICS INSTRUCTOR

- Delivered project-based training in Python, MySQL, and Power BI, empowering over a thousand students with hands-on, practical experience in data analytics, and cultivating a deep understanding of core concepts through real-world application and problem-solving.
- Leveraged raw data from diverse sources, including APIs, real-world databases, and web scraping, to teach students advanced exploratory data analysis techniques, fostering a comprehensive understanding of data wrangling, cleaning, and preparation processes critical for high-quality data analysis.
- Encouraged a passion for lifelong learning and data curiosity, equipping students to excel in a data-driven world and make data-informed decisions that drive meaningful outcomes.

NATIONAL BUREAU OF STATISTICS   **OCT 2021 – OCT 2022**
STATISTICIAN – GRADUATE TRAINEE

- Collaborated with a team of expert statisticians to conduct rigorous quality checks on data sources and questionnaires, ensuring data consistency while executing comprehensive data cleaning activities to maintain the highest standards of accuracy.
- Led the training of statistics interns on ethical standards, industry best practices, and the latest advancements in statistical analysis, fostering a culture of responsible data handling and equipping the next generation of analysts with cutting-edge skills and knowledge.
- Played a key role in the maintenance of comprehensive data documentation, ensuring strict adherence to data governance protocols and full compliance with industry standards, thereby safeguarding data integrity and regulatory alignment.

EDUCATION AND CERTIFICATIONS

- PGD, STATISTICS   **UNIVERSITY OF IBADAN**
- HND, STATISTICS   **OSUN STATE POLYTECHNIC**
- GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE   **COURSERA**
- IBM DATA SCIENCE PROFESSIONAL CERTIFICATE   **COURSERA**
- THE STRUCTURED QUERY LANGUAGE   **UNIVERSITY OF COLORADO (BOULDER)**