ABDULAZEEZ ADEDAYO
Data Analyst| ML Engineer

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Profile

A process-oriented data analyst with a year experience. Skilled in interpreting and analyzing data to boost business growth. Experienced in preparing dashboard and reports to communicate insights with stakeholders to make data-driven decisions. Analyzed and interpreted trends and patterns in customer calls, implementing changes that resulted in a notable 15% increase in customer satisfaction scores. This data-driven approach not only enhanced the overall customer experience but also contributed to a 10% reduction in customer service response times.

Areas of Expertise

Data collection – Data Cleaning - Data Analysis – Data Visualization – Statistical Analysis - Machine Learning and AI – Reporting – Database Management – Natural Language Processing – Finetuning LLM Models – Computer vision – Retrieval Augmentation Generation – Deployment – Data Processing and Pipelines – Deep Learning

Professional Experience

Communications Analyst (Emergency Communications centre)   Osogbo, Nigeria 11/2022 – present
- Created a database using a RDBMs store company's data.
- Prepared weekly reports to track and examine call flows, quality pattern and rate of call abandonment.
- Analyzed company's data to visually represent data to managers and stakeholders.
- Worked closely with the stakeholders and call center agents to improve customers'/user experience.

Data Processing Instructor (Honour Roll International School)   Asaba, Nigeria 10/2021 – 08/2022
- Taught and engaged in database, design and spreadsheet practical to 30+ senior students.
- Created interactive presentations with the usage of relevant software (Tableau, Powerpoint, MS Paint, Corel Draw)
- Designed, Analysed and developed student reports as required using Excel.

Machine Learning Engineer (Freelancer)   2021 – Present
- Developed and deployed computer vision models for image classification, object detection, and image segmentation using TensorFlow and PyTorch.
- Designed and implemented end-to-end computer vision pipelines, including data collection, annotation, model training, and deployment.
- Created chatbots and conversational agents using RAG (Retrieval-Augmented Generation) models and integrated them into various platforms.
- Utilized cloud platforms (AWS, Google Cloud, Azure) for scalable model training and deployment, ensuring high availability and performance.
- Designed, built, and deployed machine learning models for regression, classification, clustering, and recommendation systems using Scikit-learn, XGBoost, and LightGBM.

Technical Operations Intern – (Nigeria National Petroleum Commission)   Mosimi, Nigeria 06/2019 – 11/2019
- Troubleshot hardware/software issues with an average issue resolution rate of 90% without escalation.
- Monitored and responded to alerts generated by the data center's monitoring system.
- Performed routine maintenance tasks such as replacing failed components, cleaning equipment, and running diagnostic tests.

Online Courses and Certifications

LangChain Chat with Your Data (2024) – DEEPLEARNING.AI

OpenSource Models with HuggingFace (2024) – DEEPLEARNING.AI

Building and Evaluating Advanced RAG Applications (2024) - DEEPLEARNING.AI

Finetuning Large Language Models (2024) - DEEPLEARNING.AI

Preprocessing Unstructured Data for LLM Applications (2024) - DEEPLEARNING.AI

Google Data Analytics Course (September 2022) – COURSERA

Deep Learning Specialization (August 2019) – COURSERA

Machine Learning A-Z, Python & R in Data Science (2018) – UDEMY

SQL Course (August 2022) – SOLOLEARN

Introduction to SQL (2022)– DATACAMP

Intermediate SQL (2022)– DATACAMP

Data Manipulation in SQL (2022) – DATACAMP

Education

B.Tech Computer Engineering Ladoke Akintola University of Technology (LAUTECH), Ogbomoso, **Oyo, Nigeria** 2015-2021)
Relevant Courses: Computer Logic, Computer Graphics, Network Analysis, Electromechanical Devices, Computer Architecture, Control Engineering, Expert Systems, Data Communications and Networks, Digital Signal processing, Artificial Intelligence.

Skills

Programming Languages: Python, SQL, R

Data Analysis Tools/Libraries: Pandas, Numpy, Matplotlib, Requests

Data Visualization Tools: Tableau, MS Excel, PowerBi, Plotly

ML Libraries/Techniques: SK learn, NLTK, Tensorflow, Keras

Other Tools: MS Office, JIRA

Soft Skills: Presentation, Planning, Report Writing, Analytical Thinking, Teamwork, Communication

Projects

CV/RESUME Chatbot using RAG and OpenAI

Banking Face Recognition System

Intrusion Detection System using Machine Learning algorithms

Face Recognition using Tensorflow

A-Data-Driven-Analysis-into-Hotel-Bookings-for-International-Travels

Languages

English [Native]

French [Basic] - Learning

Yoruba [Native]