

Microsoft Certified: Data Analyst | Data Scientist

Summary

Dedicated Data Analyst and Data Scientist with a passion for turning raw information into actionable insights. Highly skilled in Excel, Power BI, Tableau, SQL, Python, and R, I uncover hidden trends, enhance decision-making, and drive innovation through data. I'm equipped with machine learning expertise in clustering, regression, and deep learning. I thrive on those 'Aha!' moments when data-driven revelations spark innovation, empowering stakeholders with actionable insights.

Experience

Data Analyst | LAMATA-NG | Lagos, Nigeria

December 2020 - Present

- Developed a GPT-powered data analysis chatbot, allowing users to ask questions about operations data and enhancing insights extraction using natural language.
- Created an interactive dashboard for real-time bus operations summaries, optimizing bus services through data-driven insights.
- Developed an e-ticketing data scraping script to collect data for specific bus operators, significantly improving data-gathering efficiency by **80%**
- Designed a cost analysis model that earned management praise, leading to a comprehensive review of all route bus fares for the First and Last Mile (FLM) bus scheme and about **20%** reduction in operational cost.

Data Scientist (AI Trainer) | Remotasks | San Francisco, United States

January 2024 - April 2024

- Trained an AI model with **100%** accuracy to answer factual questions directly from CSV datasets.
- Reviewed code provided by the model and provided feedback on its correctness, conciseness, and efficiency and occasionally, proposed a better/more efficient solution
- Conducted a rigorous iterative training process involving 4+ iterations, carefully selecting and refining responses for optimal results.
- Leveraged data exploration techniques (EDA) and advanced analysis methods to gain a deep understanding of the data and guide the AI model to accurate answers.

Machine Learning Engineer | Miksi | Zagreb, Croatia

October 2023 - February 2024

- Developed a data validation function that infers the intended datatype for each field to validate the user's dataset and check for inconsistencies, improving the quality and reliability of the data used for training and deployment.
- Developed an SQL agent with a custom forecast function to take relational databases and answer questions based on the data in the database, enabling users to generate insights quickly and easily from operational data.
- Designed and implemented a relational database system to supply data to the AI-powered SQL chatbot.

Education

Feb 2013 - Nov 2018

Bachelor of Technology in Transport Management Technology | Federal University of Technology, Akure - NG

Dec 2022 - May 2023

Nanodegree in Data Analysis | Udacity, Mountain View CA – US

Volunteering

Community Volunteer | World Health Organisation | Imo, Nigeria

June 2019 - July 2019

Independent monitoring of the house-to-house vaccination in catchment areas for the Polio Eradication Scheme. Verified Routine Immunization status of the youngest child in a household and provided daily feedback directly to the State Operations Room in Imo State, Nigeria

Volunteer | AIESEC | Ondo, Nigeria

September 2018 - November 2018

Assisted in introducing less privileged pupils to basic education and introduced children under the age of 14 to computer studies in a remote town in Ondo State, Nigeria.

Skills & Abilities

Data Analysis and Visualization, Statistical Analysis, Data Cleaning, Problem-Solving, Communication, Microsoft 365 Tools, Microsoft Power BI, Tableau, SQL, Python, R, DAX, Applied Machine Learning, Deep Learning, Natural Language Processing, APIs, LangChain, and Large Language Models.

Certifications

Data Science ALX - Explore AI Academy	May 2023 - August 2024
Microsoft Certified: Power BI Data Analyst Associate Microsoft	May 2024
Advanced Data Science with IBM Specialization IBM	September 2023
Business Intelligence & Data Analyst Corporate Finance Institute	September 2022
Financial Modeling & Valuation Analyst Corporate Finance Institute	July 2022

Projects

- **Bus Passenger Counter using YOLOv8**: Developed a computer vision project utilizing the YOLOv8 object detection algorithm to accurately count the number of passengers entering a bus in real-time to significantly optimize operations monitoring.
- **AI-Powered: Data Analysis Chatbot**: Created a chatbot for operations data analysis using AI, enabling users to effortlessly analyze First and Last Mile (FLM) operations data in natural language.
- **Sentiment Prediction Model**: Developed a model for predicting sentiment in text data, useful for brand management, customer feedback analysis, and decision-making.
- **Stock Price Prediction - Monte Carlo Simulation**: Built a model to forecast Microsoft (MSFT) stock prices using Monte Carlo simulation, this can aid in investment decision-making.
- **Data Wrangling and Analysis**: Gathered and cleaned data from various sources, including web-scraped Twitter data, and analyzed it for insights.
- **Interactive Real-Time Bus Operations Dashboard**: Designed a dashboard providing real-time bus operations summaries, optimizing transport services with data-driven insights.