Jonathan Kolawole

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https://github.com/Jagunmolu | https://www.linkedin.com/in/jonathan-kolawole | https://www.kaggle.com/jagunmolu

Summary

Dynamic data scientist and software engineer with over 4 years of hands-on expertise in harnessing data analysis, machine learning, and software development to fuel business growth. Mastery in Python, R, SQL, and JavaScript, coupled with a keen aptitude for statistical tools and hypothesis testing. Demonstrated success in leveraging data-driven insights and process automation to propel organizational excellence and innovation.

Technical Aptitudes

Programming and Scripting Languages

Python, R, SQL, Javascript

Data Science Libraries and Packages

Pandas, Numpy, Scikit-learn, Tensorflow(keras), Matplotlib, Seaborn, Plotly Express

Machine Learning and Data Science Algorithms

Classification: Logistic Regression, Naïve Bayes, KNN, SVM, Decision Tree, Random Forest
Regression: Linear, Multiple Linear, Ridge, Lasso, KNN, SVR, Decision Tree, Random Forest
Clustering: K-Means, Hierarchical
Deep Learning: Neural Network(NN), Recurrent NN(RNN), Convolutional NN(CNN)

Technology and Tools

Version Control: Git, GitHub
Containerization: Docker
Web Framework: Django Rest Framework, FAST API
Business Intelligence: Power BI, Tableau
Data Analysis: Excel, Jupyter Notebook, JupyterLab
Presentation: Power Point

Analytical and Presentation Skills

Statistical Analysis, Presentation Skills, Hypothesis Testing

Work Experience

Blackcopper | Data Scientist | Lagos | Full time | June 2022 - Present

Managing SQL databases and ensuring adherence to data quality standards and regulations, seeing to the integrity and security of financial data.

Conducting A/B testing to analyze and optimize targeted ad campaigns, resulting in improved campaign effectiveness and customer engagement metrics.

Developing and implementing Tableau dashboards for real-time monitoring of investment and loan performance, providing stakeholders with actionable insights for decision-making.

Building and managing Power BI dashboards for reporting and analysis, enhancing visibility into key performance metrics and driving data-driven decision-making.

Managing MySQL databases, creating views, stored procedures, and optimizing queries to ensure seamless data operations and enhance performance.

Utilizing Python to automate repetitive tasks, increasing efficiency and productivity by 10% and improving data accuracy.

Developing and improving a customer segmentation model using K-means clustering, enriching service quality and personalization efforts.

Pioneered and driving strategic initiatives to meticulously analyze raw data, yielding a remarkable 20% surge in loan approval rates by adeptly pinpointing crucial trends and anomalies.

Collaborating seamlessly with cross-functional teams to elevate and uphold data quality standards, harmonizing our efforts with overarching business objectives and industry benchmarks.

Decagon | Software Engineer | Lagos | Full time | January 2022 - July 2022

Developed and maintained web applications using Django, JavaScript, and React.js.

Managed and optimized SQL-based databases (MySQL, PostgreSQL), enhancing data handling capabilities.

Contributed to Agile development processes, increasing project delivery efficiency by 10%.

Conducted thorough software testing and debugging, leading to a significant reduction in critical bug reports.

First Bank of Nigeria Ltd. | Data Analyst | Lagos | Full time | August 2019 - January 2022

Developed performance assessment methodologies, significantly impacting business KPIs and strategic decision-making.

Produced comprehensive reports and visualizations for stakeholder insights using Excel and PowerBI.

Participated in cross-functional teams for performance improvement.

Kept abreast of industry trends and emerging technologies in data analytics to continuously enhance data analysis capabilities.

Education

Kwara State University | Malete, Kwara State | June 2017

B.Sc. in Geology and Mineral Science - Second Class Honours (Upper Division)

Projects

[Credit Card Fraud Detection](#)

[Labelled Faces in the Wild](#)

[Ames Housing](#)

[Olivetti Faces](#)

[Human vs. AI Text Classification](#)

[Students Dropout Prediction](#)

[20 News Group](#)

Certifications

[Software Engineering and Leadership Training Programme](#)

[The Machine Learning Algorithms A-Z](#)

[The Machine Learning Process A-Z](#)

[Deep Learning with TensorFlow 2](#)

[Convolutional Neural Networks with TensorFlow in Python](#)

[Machine Learning in Python](#)

[Power BI](#)

[Advanced SQL](#)

About Me

Languages: English (Advanced), Yoruba (Fluent), Latin (Beginner)

Interests: Philosophy, Mathematics, Journaling, Meditation, Imagination

Unique Experience: Completed a 300-day writing challenge in 2020.