

Iniobong Umoffia

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PROFILE

Dedicated and detail-oriented Data Scientist with substantial experience in analyzing raw data, crafting precise prediction algorithms, and collaborating seamlessly with teams. Proficient in generating actionable insights and presenting findings through effective visualizations. Demonstrates hands-on programming expertise in Python (NumPy, Matplotlib, Scipy) and scikit-learn. Accomplished in utilizing Big Data frameworks, visualization tools, and demonstrating proficiency in REST APIs and machine learning (ML).

SKILLS

Programming in Python:

Tech: NumPy, Pandas, Scikit-Learn, TensorFlow, PyTorch

Data Visualization:

Tech: Matplotlib, Seaborn, Plotly

Machine Learning:

Tech: Regression, Decision Trees, Random Forest, SVM, K-means clustering

Database Management and SQL:

Tech: SQL (Structured Query Language), MySQL, PostgreSQL

RESTful API Development:

Tech: Flask, FastAPI

Deployment and Version control:

Tech: Flask, Heroku, Github

PROJECTS

LHL_CAPSTONE_JASPER Public [🔗](#)

12/2023

Tools: Python, Pandas, NumPy, Matplotlib, Scikit-Learn, XGBoost, Randomized Search CV, Flask (for deployment)

Algorithm: GaussianNB, Support Vector Classifier (SVC) with Grid Search CV, XGBoost Classifier, Decision Tree using Randomized Search, Random Forest using Randomized Search.

Title: UNSUPERVISED_LEARNING_JASPER Public [🔗](#)

11/2023

Tools: Python, Numpy, Pandas, Matplotlib, Scikit-Learn, GitHub

Algorithm: KMeans clustering, hierarchical clustering, and Principal Component Analysis (PCA).

Dataset: Wholesale dataset, aiming to uncover patterns and insights by applying unsupervised learning techniques.

SUPERVISED LEARNING PROJECT [🔗](#)

10/2023

Tools: Python, Numpy, Pandas, Matplotlib, Scikit-Learn, Github

Algorithm: Logistic Regression, Random Forest, and Support Vector Classifier (SVC), Hyperparameter tuning.

Dataset: use supervised learning techniques to build a machine learning model that can predict whether a patient has diabetes or not, based on certain diagnostic measurements

EDUCATION

Bsc. Mathematics, Statistics and Computer Science

University of Calabar

PROFESSIONAL EXPERIENCE

Small Business Advisor

Scotiabank

08/2022 – present
Regina, Canada

- Strategic Financial Advice: Analytical thinking and problem-solving skills developed through tailored financial plans.
- Thorough Financial Analyses: Expertise in identifying key performance indicators for improved financial health, translating to proficiency in extracting insights from data.
- Access to Credit and Financing Streamlining: Meticulous data management and analysis experience, directly applicable to handling diverse datasets in data science.
- Demonstrated proficiency in using Excel, PowerPoint, and Word for data manipulation, presentation, and documentation, coupled with expertise in Tableau for advanced data visualization—an asset for data science tasks.

Business Advisor

Skyminster Group (Remote)

11/2020 – 10/2021
Calgary, Canada

- Developed and executed financial planning strategies, including budgeting, forecasting, and cash flow management, ensuring sustained financial stability.
- Provided expert guidance on investment decisions, actively contributing to the company's growth plans.