TOBILOBA **FOLAYAN**
D A T A   S C I E N T I S T

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- +2348151323241 or +2349034417900
- Lagos, NG (Open to Relocation)

TECHNICAL SKILLS

Programming Languages Python, R, Excel VBA, SQL, CSS, HTML, Javascript, Solidity
Data Visualization Tools Tableau, Power BI, Excel, Canva
Database PostgreSQL, BigQuery, Oracle, MS SQL, MySQL, MongoDB
Other Tools MS Office (PowerPoint, Word, Outlook), Power Apps

Data Analysis Tools/Libraries Pandas, Numpy, Matplotlib, Tidyverse, Requests
ML Libraries/Tool Scikit-learn, NLTK, Tensorflow, PyTorch, OpenCV, TextBlob, Jupyter Notebook, AWS S3, SageMaker
Soft Skills Report Writing, Teamwork, Critical Thinking, Communication

FEATURED PROJECTS

Title: Identifying The Best Clustering Technique For Segmentation
Developed various clustering models that help in classifying customers based on their special purchase traits and carried out a performance evaluation using several metrics to identify the best model of selection. Then created a system that uses the best-performed model in predicting the present class of a particular customer. Technical Report Web App Sample (April. 2022).

Title: Automated End-To-End Data Extraction App For PDF Files
Developed a Full Stack web application using Python and Streamlit. It involved programming several regular expressions in python script, which on implementation phases through the PDF and extracts the various data points and displayed in a tabular format for further analysis. This project was aimed at removing the copy and paste or re-typing of data from an external data source such as in a PDF format. Video Demo (Aug 2022)

WORK EXPERIENCE

Sept 2022 - Present
Lead Data Scientist, Smarterise ↗
- Working with a team of data analysts, electrical engineers, and software developers to determine energy usage and consumption, generate insights, develop energy efficiency measures, identify possible energy challenges and areas of cost, and energy savings for clients through energy audits monitoring, and energy analytics.
- Building analytical systems and optimizing analytical processes through collaborations with DevOps and Software Developers.
- Restructured the data workflow by building a more scalable and automated system that cuts down reporting time from 5 days to 1 day, using Power BI, SQLite and Python Scripting. Diesel Trend Case Study

Jan 2022 - Present
Power BI Developer, Tinkerlook ↗
- Built a full stack Data Visualization infrastructure and dataflow used by clients' HR departments for tracking and monitoring employees' performance, leave permits, and attrition rate, using PostgreSQL, Power BI, and Python Language. PowerBI
- Developed an inventory operational database with Microsoft Access and built a Data Visualization dashboard in RStudio and RShiny to monitor turnover rates of the products and increase customer satisfaction. Github Development folder
- Managed and Updated clients' records within various database systems for seamless workflows, and wrote scripts to automate data preprocessing tasks.
- Provide Dashboard Data interpretation, performance tracking and implementation trainings to stakeholders and employees.

Mar 2021 - Aug 2021
Data Scientist, iQube Labs ↗
- Collaborated with various departments by leveraging data to solve business, marketing, and growth problems such as customer segmentation, lifetime value forecasting, and ensuring adequate flow of design policies and recommendations.
- Trained and developed a computer vision model with an average of 84% performance accuracy to facially identify people and worked with the software engineering team on the implementation of the model in their application design.
- Managed and led a team in the research of the 2020 ENDSARS protest by performing a sentiment analysis to generate an in-depth understanding of the reasons for the protest. Identified over 70% of tweets to be in support and the rest to be either neutral or negative. Article Research

Mar 2019 - Mar 2020
Inventory & Purchasing Analyst, Drugfield Pharmaceuticals Limited ↗
- Collaborated with the purchasing and supply chain managers to perform a cohort analysis on the various vendors in other to identify opportunities in reducing the cost of purchasing by 21% and increasing revenue.
- Performed ABC/XYZ analysis to better classify available stock needed by procurement to identify warehouse items that pose the greatest business risks due to theft or damage and offer the greatest opportunities for sales, improving supply by 25%.
- Built a data and reporting infrastructure from the ground up using Power BI, SQL, Google Sheets, and Power Apps to provide real-time insights to warehouse and inventory performance. Dashboard Prototype

EDUCATION/CERTIFICATION

2014 - 2018
Bachelor of Technology, Statistics (GPA 4.11/5.0), Federal University of Technology Akure
Courses: Applied Probability & Statistics, Computer Programming with R & Python, Regression, Project Management Transcript
Thesis: The effect of storage methods on seeds using the Analysis of Variance Approach (ANOVA) Thesis

2021 - Present
Volunteer & Member, Data Science Nigeria
AI Bootcamp Qualification Hackathon: Built a Machine Learning model capable of predicting users' responses to marketing campaigns. Ranked 55 out of 524 participants. Verify

2022
Certified Google Data Analyst Professional, Coursera e-Learning
Courses: Data Foundations, Making Data-Driven Decisions, Preparing Data for Exploration, Process Data from Dirty to Clean, Analyze Data to answer questions, Art of Visualization with Tableau, Data Analysis with R programming. Verify