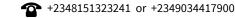
# BILOBA **FOLAYAN** ΑΤΑ SCIENTIST

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tobi-datadetective.dorik.io/

github.com/Tobi-DataDetective





# 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

## 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 bestperformed model in predicting the present class of a particular customer. C Technical Report C Web App Sample (April. 2022).

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

#### 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. C Video Demo (Aug 2022)

### WORK EXPERIENCE

Sept 2022 - Present	<ul> <li>Lead Data Scientist, Smarterise </li> <li>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.</li> <li>Building analytical systems and optimizing analytical processes through collaborations with DevOps and Software Developers.</li> <li>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</li> </ul>
Jan 2022 - Present	<ul> <li>Power BI Developer, Tinkerlook ☑</li> <li>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.</li></ul>
Mar 2021 - Aug 2021	<ul> <li>Data Scientist, iQube Labs ☐</li> <li>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.</li> <li>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.</li> <li>Managed and led a team in the research of the 2020 ENDSARS protest by performing a sentiment analysis to generate an indepth 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 Article Research</li> </ul>
Mar 2019 - Mar 2020	<ul> <li>Inventory &amp; Purchasing Analyst, Drugfield Pharmaceuticals Limited </li> <li>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.</li> <li>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%.</li> <li>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. C Dashboard Prototype</li> </ul>

### DUCATION/CERTIFICATION

#### 2014 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 G Transcript - 2018 Thesis: The effect of storage methods on seeds using the Analysis of Variance Approach (ANOVA) 👄 Thesis

#### 2021 Volunteer & Member, Data Science Nigeria

Al Bootcamp Qualification Hackathon: Built a Machine Learning model capable of predicting users' responses to marketing - Present campaigns. Ranked 55 out of 524 participants. 👄 Verify

#### Certified Google Data Analyst Professional, Coursera e-Learning 2022

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