

Ikemefula Solomon ORIAKU

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Personal Summary

Dynamic full-stack data scientist with extensive experience analysing complex data, specialising in machine learning, AI, and data-driven solutions for healthcare and business problem-solving. Proficient in MS Excel, Python, SQL, R, and BI tools such as Tableau and Power BI, with expertise in developing predictive models, conducting statistical analysis, and creating impactful data visualisations. Passionate about enhancing team capabilities and contributing to the future of data analytics. Committed to continuous learning and applying innovative data-driven methodologies to improve business outcomes.

Core Competencies

- Data Integration and Analytics
- Predictive Modeling & Machine Learning
- Statistical Analysis & Modelling
- Data Processing and Visualisation
- Communication (written & oral)
- ETL Processes and Data Pipelines
- Attention to Detail
- Continuous Learning
- Problem-Solving & Critical Thinking
- Database Management
- Self-Starter and Motivator
- Adaptability & Time Management
- Curiosity and Learning Agility
- Collaboration

Technical

- **Programming Languages:** Python, SQL, R
- **Database:** SQL Server, PostgreSQL, Mongo DB
- **Analytics & BI Tools:** Tableau, Power BI, MS Excel, Jupyter Notebook, R Studio
- **Machine Learning:** Scikit-learn, TensorFlow, Caret, glmnet
- **Data Processing & BI Libraries:** NumPy, Pandas, Tidyverse, Shiny
- **Collaborative tools:** Slack, Jira, Git, Microsoft 365, Google Suites

Work Experience

Full-stack Data Scientist | **10Alytics (Remote)**

| Jan 2024 – present

- Gathered and integrated raw data from multiple sources, achieving over 95% reduction in data discrepancies, ensuring data quality and consistency.
- Analysed large datasets to identify trends and patterns, resulting in a 10% increase in operational efficiency.
- Conducted experiments and validated models, ensuring adherence to requirements and standards.
- Collaborated with cross-functional teams and business stakeholders to understand needs and implement data-driven solutions.
- Performed exploratory data analysis to uncover trends, patterns, and relationships, delivering comprehensive analysis reports.
- Visualised data using Matplotlib, Seaborn, and ggplot2, creating insightful visualisations.
- Built, trained, and validated machine learning models, achieving a 10% improvement in accuracy per iteration on average.
- Utilised advanced Excel functions for data cleaning, processing, and merging from multiple sources.
- Created and managed interactive dashboards and reports using Power BI and Excel, significantly enhancing user satisfaction.
- Developed and refined SQL queries to optimise performance for analytical and reporting purposes.

Senior Data Analyst | **Boongate Pharmacy Ltd (Remote)** | May 2022 – present

- Led cross-functional teams to deliver data-driven solutions, improving process efficiency and decision-making capabilities.
- Analysed pharmaceutical sales data using advanced ETL processes and SQL queries, providing actionable insights.
- Created models for forecasting to anticipate trends on Tableau and Power BI.
- Utilised statistical tools and process control methods to monitor and evaluate business processes, eliminating variations.
- Developed and maintained data models, dashboards, and reports to track key performance indicators (KPIs).
- Engaged with stakeholders to understand their data needs and provide customised solutions.
- Created and maintained comprehensive Excel reports, leveraging advanced functions to summarise and visualise data effectively.
- Created forecasting models using MS Excel and presented comprehensive reports and dashboards.
- Keen eye for detail and a methodical approach to analysing, interpreting, and gaining valuable insights from highly complex datasets.

Business Manager | **Boongate Pharmacy Ltd** | Jun 2014 – Apr 2022

- Oversee the integration of technology and data systems to support scalable business growth.
- Championed the adoption of advanced analytics, BI tools, and emerging technologies, contributing to a 30% improvement in business processes.
- Monitored industry trends and best practices, developing action plans to enhance data-driven processes and ensure alignment with organisational goals.
- Proficient in time management, multitasking, and prioritising responsibilities to meet stringent deadlines in fast-paced environments.
- Regularly communicated analytics results to stakeholders, ensuring clarity and actionable insights through detailed presentations and reports.
- Managed cross-functional teams, ensuring high performance, effective training, and career development.

Education

International Business Management **University of Sunderland** | 2024
Masters | Merit

Medical Laboratory Science **University of Nigeria** | 2021
Masters | Distinction

Medical Laboratory Science **University of Nigeria** | 2011
Bachelors | Lower Second Class

Hobbies

Reading, Learning, Volunteering (Focus on community health and education projects)

References

On request