

OLUWASEGUN MICHAEL ALABI – Data Scientist

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Objective

Data Scientist with 1+ year hands-on experience, certified by IBM in Data Science and proficient in Python, SQL, R, and Excel. Practical exposure through academic and personal projects focused on statistical analysis, data visualization, and predictive modeling. Detail-oriented, analytical, and eager to contribute to data-driven decision-making in real-world environments.

Education

Ladoke Akintola University of Technology (LAUTECH) - Oyo State

Graduated - June 2021

Bachelor of Technology, Statistics

Skills

- **Programming & Scripting Languages:** Python, SQL, JavaScript, PHP/MySQL, HTML5, CSS3
- **Data Analysis & Visualization:** R, Tableau, SPSS, Matplotlib, Seaborn, MS Excel
- **Machine Learning & Libraries:** TensorFlow, Scikit-learn, ReactJS, NodeJS
- **API Development:** RESTful API, Integration, Testing
- **Version Control:** Git, GitHub
- **Other Skills:** Analytical skills, Critical thinking, Problem-solving, Research, Copywriting

Certification

- IBM Data Science Professional: [Link](#)
- SQL for data analysis: [Link](#)
- Data visualization: [Link](#)
- Business Analytics: [Link](#)
- Predictive analytics for business: [Link](#)
- Meta Front-End Professional: [Link](#)
- Professional scrum master I: [Link](#)
- JavaScript fundamentals: [Link](#)
- Responsive web design: [Link](#)

Projects

1. IBM Data Science Capstone: SpaceX Falcon 9 Launch Prediction

Python, Pandas, Plotly, Dash, Scikit-learn

- Explored SpaceX Falcon 9 launch records to identify key factors influencing launch success.
- Engineered features from launch site, payload mass, orbit type, and booster version data.
- Built and compared machine learning models (Logistic Regression, SVM, Decision Tree) to predict successful launches.
- Created an interactive Dash dashboard allowing users to explore launch outcomes by site and payload.
- **GitHub:** [\[Link to the repository\]](#)

2. Final Project: House Sales in King County, USA

Python, Pandas, Scikit-learn, Matplotlib, Seaborn

- Applied a dataset to learn what drives house prices and to predict future prices.
- Preprocessed data by cleaning missing values, model building, model validation, and tuning.
- Performed exploratory data analysis (EDA) to find the primary trends and correlations, if prices have more outliers.
- Visualize the relationship between house features and prices with Matplotlib and Seaborn
- **GitHub:** [\[Link to the repository\]](#)

3. Economic Trends Visualization Dashboard

Python, Dash, Plotly, Pandas

- Designed an interactive dashboard to compare economic indicators across multiple years.
- Built dynamic charts (line plots, bar charts, heatmaps) for clear trend and pattern analysis.
- Deployed the tool for public access, enabling stakeholders to explore data-driven insights
- **GitHub:** [\[Link to the repository\]](#)

Work Experience

Freelance Data Analyst / Junior Data Scientist

Oct 2024 – Present

Data Cleaning, Visualization, Insight Reporting

Remote

- Performed EDA on public and client datasets using Python and SQL to extract actionable insights.
- Built interactive data dashboards with Dash for clear, real-time visualizations.
- Cleaned, transformed, and merged data for reporting and predictive modeling.
- Applied ML models (Scikit-learn) to classification and regression use cases.
- Presented insights using Jupyter Notebooks with structured, business-friendly narratives.

Access Bank Plc

Nov 2022 - Jul 2024

Application Developer (ProcessMaker)

Lagos, Nigeria Hybrid

- Developed 10+ automated workflows for 500+ users, reducing manual tasks and boosting efficiency.
- Designed scalable forms, scripts, and triggers in ProcessMaker BPM for seamless task automation.
- Integrated ProcessMaker with internal systems via REST APIs for streamlined data flow.
- Optimized workflows for performance and UX, increasing adoption across departments.
- Created technical docs and guides, accelerating developer onboarding and support

Application Support

- Cut application downtime by 30% through proactive support and root cause analysis.
- Provided L1/L2 support via phone, email, and chat, consistently meeting SLAs.
- Resolved incidents using ServiceDesk tools in line with ITIL best practices.
- Workflow improvements by analyzing recurring issues with stakeholders.
- Led user training and onboarding, boosting system adoption and reducing repeat tickets.
- Participated in agile sprints and ceremonies as a certified Scrum Master.

SQI College of ICT

Apr 2021 - Sep 2022

Front-End Engineer (Web development) Trainee

Ogbomosho, Oyo State

- Improved web app functionality and UX using HTML, CSS, JavaScript, MySQL, and PHP.
- Built and optimized WordPress sites, increasing engagement through better navigation.
- Contributed to team projects, ensuring timely delivery and goal alignment.
- Developed interactive websites with tested navigation and conversion-focused landing pages.
- Gained practical exposure to industry workflows, boosting technical and problem-solving skills