

ALLIYU AJAGUN

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PROFESSIONAL SUMMARY

Analytical and detail-oriented Data Analyst with a strong background in mathematics and a proven ability to interpret complex datasets to uncover actionable insights. Proficient in **SQL**, **Excel**, and **Python**, with hands-on experience in **Power BI** for creating impactful dashboards and reports. Eager to apply skills in data analysis, data cleaning, and visualization to support strategic decision-making in a dynamic, data-driven environment. Seeking to leverage expertise in data interpretation and visualization to contribute to a cross-functional team.

KEY SKILLS

- **Programming & Databases:** SQL, M language, Python
- **BI & Visualization Tools:** Power BI, Microsoft Excel
- **Data Analysis:** Data cleaning, data transformation, data interpretation, descriptive, diagnostic, predictive and exploratory analysis.
- **Software & Tools:** Microsoft Office Suite (Excel, Word, PowerPoint), Google Workspace
- **Soft Skills:** Analytical & Problem-Solving, Cross-Functional Collaboration, Communication, Detail-Oriented, Remote-Ready

RELEVANT EXPERIENCE

Data Support Assistant (Project-Based) | IOTB Tech. - March 2025 - Present

- Assisted in collecting and cleaning raw datasets for internal analytics projects, ensuring data accuracy and quality.
- Supported the creation of dashboards using Excel and Power BI to visualize project data and key metrics for stakeholders.
- Authored SQL queries to filter and summarize data, contributing to efficient data retrieval for analysis.
- Collaborated with senior analysts to understand BI workflows, reporting standards, and market trend analysis.

Education/Administrative Support Officer | Surulere Senior Secondary School, Lagos - September 2021 - January 2025

- Maintained structured records for internal use with a strong focus on data accuracy and accessibility using Excel.
- Generated comprehensive reports for performance evaluation and operational compliance, improving efficiency and supporting data-driven decisions.
- Organized and managed internal memos and staff data, enhancing information accessibility for the administrative team.

PROJECTS

Mpox Combat Analysis for - Hackathon Project

- Collaborated with a team of three to develop a data-driven solution for combating Mpox in underserved communities.
- Utilized live datasets to create a dashboard that visualized the spread of the disease, identified high-risk areas, and supported the allocation of resources.
- This project, showcased in a hackathon, demonstrated the ability to apply analytical skills to a critical issue.

Airbnb Listings Analysis - SQL + Power BI

- Performed an in-depth analysis of Airbnb listings in New York City using advanced SQL queries to uncover trends in pricing, reviews, and host performance.
- Used functions like RANK(), NTILE(), and CASE statements to segment and analyze data, providing a deeper understanding of market dynamics.

Power BI Dashboard - Cybersecurity Trends

- Developed a two-page interactive dashboard to analyze attack types, financial loss, and defense mechanisms across industries.
- Utilized DAX to calculate key metrics such as average loss and incident count, providing valuable insights for risk assessment.

Sales Dashboard - Power BI

- Created a multi-table dataset on the Power Query Editor with one fact table and several dimension tables, forming a star schema.
- Integrated parameters, slicers, charts, and summary cards to deliver actionable insights on global store sales performance.

Customer Feedback Analysis - Advanced Excel

- Designed a multi-tab workbook to conduct a detailed analysis of hotel customer feedback, identifying key themes and satisfaction metrics.

EDUCATION

- M.Sc. Applied Mathematics – University of Lagos
- B.Sc. (Ed.) Mathematics Education – University of Ilorin

CERTIFICATIONS

- Data Analysis Certification – IOTB TECH
- Data Analysis Certification - Digital for all Challenge 2.0
- Data Analysis and Data Science (In view) - ALX Nigeria
- AI Career Essentials – ALX Nigeria
- Virtual Assistant Training – ALX Nigeria
- Diploma in Computer Studies – Aitalor Training Center, Lagos