ALLIYU AJAGUN

Data Analyst | Business Intelligence & Financial Analytics

Power BI | SQL | Python | Excel

+234 810 380 9010 | ajagunalliyu@gmail.com | Ilorin, Nigeria (open to relocation and remote)

LinkedIn | GitHub | Portfolio | PL-300 Credential

PROFILE

Data analyst with an M.Sc. in Applied Mathematics (Merit) and Microsoft PL-300 certification, focused on business intelligence and financial analytics. I turn messy, disconnected data into dashboards and reports that people can act on, across sales, finance, healthcare and operations. I work in SQL, Python, Power BI and Excel, and I validate and reconcile data before it reaches stakeholders. I have built a reporting structure from scratch, taught analytics to fellows, and published seven analytics projects with their code and write-ups. I am now completing an M.Sc. in Financial Engineering to go deeper on forecasting and financial modelling.

Open to: Data Analyst, Business Intelligence Analyst, Business Analyst and Financial Analyst roles. Full-time, remote or contract.

CORE SKILLS

BI & Reporting	Power BI (star schema, DAX, Power Query), advanced Excel (pivot tables, formula-driven models), KPI and dashboard design
Data & Code	SQL (SQL Server), Python (pandas, Matplotlib, Seaborn), statistics, regression, optimization, EDA, workflow automation, Git
Data Quality	Validation frameworks, multi-source reconciliation, error detection, audit-ready documentation, SOPs
Domains	Finance, sales and CRM, healthcare operations, retail, e-commerce, supply chain, education
Communication	Plain-language findings for non-technical decision makers, training and mentoring analysts

PROFESSIONAL EXPERIENCE

Project Manager & People Administrator
Jan 2026 - Present

IOTB Tech (Remote)

- Track weekly program KPIs for the faculty lead, covering fellow activeness, compliance and mentor delivery.
- Built Excel project trackers and maintain structured project and personnel datasets with accuracy checks.
- Turn ad hoc data requests into repeatable reports and document the processes behind them.

Data Analytics Instructor, Fellowship Program
Present

IOTB Tech (Remote)

- Teach SQL, Excel, Power BI (DAX) and Python to data analytics fellows, and build the course material and exercises.
- Review fellows' queries, models and dashboards, find where they break, and show the correct approach.

Data Support Personnel
Mar 2025 - Dec 2025

IOTB Tech (Remote)

- Wrote SQL queries to extract and interrogate structured datasets, catching inconsistencies before they became reporting errors.
- Built Power BI dashboards on validated datasets, with a data-quality check before anything reached stakeholders.
- Reconciled records across multiple sources during routine quality checks.

Education & Administrative Officer Sep 2021 - Jan 2025

Surulere Secondary School, Lagos

- Designed the school's data structure and reporting templates from scratch, as none existed.
- Produced regular reports on student population and performance trends and their drivers. The principal acted on them.
- Built Excel validation frameworks that became the school's standard process.
- Prepared monthly budgets for the school's running costs.

Further Mathematics Teacher, SS1 - SS3 Present

Unilorin Secondary School

- Teach Further Mathematics, assess student work, and explain step by step where reasoning went wrong.

SELECTED ANALYTICS PROJECTS

- **CRM Sales Performance (Brainards Group).** 8,800 opportunities from 4 exports, $10.01M revenue, 63.15% win rate. Showed revenue gaps came from opportunity volume, not win rate.
  Tools: Power BI, DAX, data modelling, Excel
- **Hospital Financial & Operational Analysis.** Merged 5 datasets covering $551K in revenue and found 68.5% of billed revenue was Failed or Pending.
  Tools: Python, pandas, Matplotlib, Seaborn
- **Consumer Survey Analysis, Nigeria.** 162 respondents, 7 business questions. Durability (4.65/5) outranked price, and 53.1% intended to switch brands.
  Tools: SQL Server, Power BI, Excel, DAX
- **NYC Airbnb ROI Analysis.** Identified 4 top-ROI neighborhoods and a part-time host segment averaging 112 available days a year.
  Tools: SQL Server, Power BI
- **Cybersecurity Intelligence, 2015-2024.** 3,000 incidents and $151.48B in losses. Average response time was 36.5 hours, and threats and costs are rising faster than response times improve.
  Tools: Power BI, DAX, Power Query
- **Hotel Customer Feedback Analysis.** 1,948 guest records. 48% Promoters versus 26% Detractors, with Senior Citizens and Business travelers as the dominant segments.
  Tools: Excel, pivot tables
- **Nigeria PAYE Tax Calculator.** Formula-driven model with no macros, covering 6 progressive tax bands and 5+ reliefs under the new tax reform, with band-by-band audit logic.
  Tools: Excel formula engineering

EDUCATION

M.Sc. Financial Engineering (in progress)	*WorldQuant University*	Expected 2028
M.Sc. Applied Mathematics (Merit)	*University of Lagos*	Aug 2024
B.Sc. (Ed.) Mathematics Education	*University of Ilorin*	Sep 2019

CERTIFICATIONS

- **Microsoft Certified: PL-300 Power BI Data Analyst** (verify credential)
- **ALX Nigeria:** Data Analytics with Professional Development; Python for Analysis; AI Career Essentials
- **Schull:** Product Management