

Joel Babatunde

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Professional Summary

Results-driven **Data Analyst** with a strong foundation in data visualization, BI dashboard creation, and data management. Proficient in **Power BI, SQL, Excel, and R Programming**. I specialize in transforming complex data into actionable insights that support strategic decision-making.

Relevant Coursework

Data Cleaning

Data Visualization

Exploratory Data Analysis (EDA)

Dashboard Design

Experience

IJAN AFRICA, Lagos State, Nigeria

Data Analytics Instructor

Aug. 2024 – till date

- Designed and delivered comprehensive data analytics courses covering topics like data visualization, data cleaning, using tools like Excel, SQL, and Power BI, catering to both beginner and intermediate students.
- Facilitated hands-on learning through practical assignments, case studies, and real-world datasets, providing individualized feedback and mentorship to ensure student comprehension and skill development.
- Taught technical skills in Excel, SQL, and Power BI, focusing on interactive dashboards, data analysis, and data wrangling techniques.

Excelerate, USA

Data Analyst Intern

Nov. 2024 – Nov. 2024

- Cleaned and prepared **user and opportunity datasets** by resolving duplicates, handling missing values, and standardizing formats to improve **data accuracy and consistency**.
- Developed an **interactive dashboard** to provide actionable insights for decision-making, enabling stakeholders to monitor user behaviour and opportunity trends effectively.
- Leveraged key metrics and visualizations to highlight areas for growth and performance improvements, improving data-driven decisions across teams.
- Reduced data inconsistencies by **20%** through thorough data cleaning processes, ensuring high-quality data inputs for analysis.

Project

Loan Disbursement Analysis | Power Query, Power BI | [Dashboard Report](#)

- Designed and developed an **interactive Loan Analysis Dashboard** using **Power BI** to provide actionable insights into loan disbursement, recovery rates, and outstanding balances.
- Analyzed **₦2.29bn in loans** disbursed across **7602 customers**, identifying key performance metrics, including a **44.1% recovery rate** and **₦1.61bn in outstanding loans**.
- Highlighted top-performing branches with **recovery rates exceeding 60%**, while identifying underperforming branches for targeted recovery strategies.
- Enabled stakeholders to monitor loan performance by branch, loan officers, and payment frequencies (e.g., Weekly recovery rate: **48.6%**, Monthly: **34.6%**), leading to data-driven decision-making.
- Provided recommendations to improve loan recovery processes and reduce outstanding balances, focusing on branch-level performance and repayment structure optimization.

Furniture Sales | *Excel, Pivot table* | [Dashboard Report](#)

- Developed an **interactive Excel dashboard** to analyze sales, revenue, and profitability across multiple dimensions such as **category, location, brand, material, and season**.
- Conducted analysis on key metrics: **sales performance, profit margins, and inventory levels**, identifying trends that increased visibility into business performance.
- Highlighted areas for cost optimization by analyzing **discount percentages** and their impact on **profitability**, resulting in actionable recommendations for pricing strategies.
- Analyzed delivery timelines (e.g., **average delivery days**) and provided insights to improve operational efficiency and customer satisfaction.
- Enabled stakeholders to make data-driven decisions by identifying the **top-performing categories and brands** contributing to overall revenue growth.

Technical Skills

Analytical Tools: Excel, Power BI, Power Query

Language: SQL, R, Python

Frameworks: Pandas, numpy, matplotlib, tidyverse, ggplot2

Education

Miva Open University, Abuja, Nigeria

Bsc. Data Science Jan. 2024 - Ongoing

Lagos State Polytechnic, Lagos, Nigeria

National Diploma Statistics Sept 2015 - July 2017

Certification

Google Data Analytics by Google on Coursera - [View Credentials](#)