

KAYODE OMOTAYO

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DATA ANALYST – OPERATIONS, AUTOMATION & REPORTING

Data Analyst with over 6 years of experience transforming complex datasets into actionable business and operational insights. Highly skilled in SQL, Python, Power BI, Databricks and Excel, with strong experience in automating data processes, improving data quality and delivering dashboards that drive efficiency and informed decision-making.

Experienced working in regulated, data-sensitive environments including healthcare, engineering and technology, supporting stakeholders with accurate, timely and compliant data. Known for combining analytical thinking with strong documentation, communication and problem-solving skills to support continuous process improvement.

TECHNICAL SKILLS

SQL, Python, Power BI, Tableau, Excel, Databricks, Azure (ADF, Synapse), Apache Spark, IBM Cognos, AWS, MongoDB, Talend, Airflow, ETL Pipelines, Data Modelling, Statistical Analysis, Predictive Analytics, Data Quality Management, Data Documentation, Data Governance, Automation, Forecasting, Reporting Architecture

CORE COMPETENCIES

Data Analysis & Reporting
ETL & Process Automation
Dashboard Development & Visualisation
Data Quality & Validation
Stakeholder Engagement & Communication
Process & Performance Improvement
Operational & Strategic Insight
Statistical Modelling
Documentation, Compliance & Governance

PROFESSIONAL EXPERIENCE

AMDARI, United Kingdom

Data Analytics Consultant / Feb 2025 – Present

- Defined operational KPIs and designed analytics frameworks, improving performance tracking by 20%
 - Designed predictive forecasting models using Python and Excel, improving business planning accuracy by 35%
 - Automated data extraction, transformation and loading (ETL) using SQL, reducing reporting time by 30%
 - Developed interactive dashboards providing real-time insight to management and operational teams
 - Implemented cloud-based (AWS) reporting solutions to improve data accessibility and reduce costs by 25%
 - Documented data flows, data models and reporting logic to support governance and auditing
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NHS Grampian, Aberdeen, United Kingdom

Data Analyst – Healthcare Systems / Mar 2023 – Dec 2024

- Analysed large-scale patient, diagnostic and operational datasets using SQL, Python (Pandas) and IBM Cognos
 - Cleaned, validated and structured laboratory data in preparation for LIMS system migration, reducing reporting errors by 20%
 - Built automated Power BI dashboards and recurring reports for clinical and operational teams
 - Designed ETL workflows, ensuring accurate, repeatable and auditable data processes
 - Documented data processes and reporting structures in compliance with governance standards
 - Worked closely with medical and technical stakeholders to translate data into actionable service improvements
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Fujitsu Global, United Kingdom

Data Systems Analyst / Apr 2022 – Dec 2022

- Managed and maintained enterprise databases, ensuring data availability and integrity
 - Developed SQL and PowerShell scripts for data validation, monitoring and system checks
 - Analysed system performance data to identify inefficiencies and strengthen system uptime
 - Supported data architecture improvements and system optimisation initiatives
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Association for Consulting Engineering in Nigeria (ACEN)

Data Analyst & Digital Transformation Specialist / Jun 2020 – Dec 2021

- Led digital analytics initiatives which increased engagement by 20%
- Designed Power BI dashboards for senior leadership to track performance and trends
- Built structured datasets to support strategy and digital transformation projects

- Automated reporting processes to improve efficiency and reduce manual workload
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Britech Hallmark Limited, Nigeria

Data Support Analyst / Oct 2018 – Jun 2020

- Maintained and updated operational databases ensuring consistency and accuracy
 - Identified trends in customer support data, helping to improve resolution times
 - Assisted with data migration activities, ensuring integrity and continuity
 - Supported system upgrades and database maintenance processes
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Corona Schools Trust Council, Nigeria

Junior Database Administrator / Sep 2013 – Oct 2018

- Managed academic and financial databases, supporting daily operations
 - Created analytical reports that contributed to a 40% improvement in student performance
 - Designed dashboards for academic and finance departments to support planning and resource allocation
 - Assisted in database optimisation and data accuracy improvements
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SELECTED PROJECTS

Healthcare Data Audit for LIMS Migration – (Python, SQL)

Prepared, validated and structured laboratory data for system migration, reducing migration errors by 20% and improving data reliability.

Customer Retention & Predictive Behaviour Analysis – (Power BI, SQL, Python)

Analysed over 10,000 customer records and developed predictive models projected to reduce churn by 27%.

Energy & Resource Usage Optimisation – (Power BI, Excel)

Built smart-sensor powered dashboards which reduced energy costs by 25% and improved overall operational efficiency.

EDUCATION

B.Sc. (Hons) in Computer Science

Adekunle Ajasin University, Ondo State, Nigeria

Relevant Studies: Database Systems, Data Modelling, Statistics, Software Engineering, Programming