**Adesunkanmi Akanbi**

**Data Analyst**

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**Professional Summary**

Highly skilled Data Analyst with 7 years of experience in backend technologies and data management. Proven ability to leverage SQL, Python, PowerBI, R, and Tableau to drive business insights and enhance operational efficiency. Expertise in data cleaning, visualization, and implementing data integrity initiatives. Committed to fostering a culture of continuous improvement and data-driven decision-making.

**Skills**

* Programming: Python, R, SQL
* Data Analysis: Data Cleaning, Data Visualization, Statistical Analysis, Machine Learning
* Tools/Technologies: PowerBI, Tableau, Shiny, WordPress, Django, Flask, AWS, Azure

**Employment History**

**Data Analyst, Mydas Education & Training, Salford**

**Jan 2025 – Present**

* Designed and analysed performance metrics for customized training programs across industries (corporate, healthcare, education), improving learner outcomes by **5%** through data-backed adjustments.
* Collaborated with subject-matter experts to translate complex data insights into actionable training materials, ensuring alignment with industry standards.
* Tracked and visualized trainee progress using **PowerBI/Tableau**, identifying skill gaps and recommending tailored interventions that increased course completion rates.
* Streamlined data collection for training evaluations by implementing **Python** scripts and excel power query, reducing manual reporting time.
* Developed training modules for diverse fields, leveraging analytics to ensure relevance and accessibility.

**Data Quality Officer, Quantum Safeguard Limited, Dundee**

**NOV 2023 – Dec 2024**

* Spearheaded data quality initiatives, enhancing accuracy, reliability, and cleaning processes across Quantum Safeguard Limited's systems.
* Developed and implemented advanced data validation techniques, streamlining quality assurance procedures and improving efficiency.
* Led data integrity projects, resulting in significant improvements in decision-making processes and operational effectiveness using Excel, PowerBI, SQL, and Python.
* Collaborated with cross-functional teams to align data quality standards, promoting a culture of data-driven excellence.

**Python Back-End Developer, United Bank for Africa (UBA)**

**JAN 2022 - AUG 2023**

* Engineered robust backend systems using Python, Django, and Flask, integrating RESTful APIs to enhance data accessibility and third-party system integration.
* Developed and maintained data pipelines to automate the extraction, transformation, and loading (ETL) of large datasets, ensuring consistency and quality for analysis.
* Designed and optimized database schemas, improving query performance and supporting complex analytical reporting.
* Collaborated with data scientists and analysts to deploy machine learning models in production, enabling real-time insights for business decision-making.
* Created scripts for data validation and preprocessing, enhancing the accuracy and reliability of reporting dashboards.
* Partnered with frontend developers, product managers, and QA teams to ensure seamless integration and high-quality deliverables.

**Data Research Officer, TPAIS Nig Limited**

**JUN 2019 - DEC 2022**

* Conducted exploratory data analysis on large datasets to identify trends and insights using R and SQL Server.
* Assisted in the creation of interactive dashboards and reports using Tableau to support stakeholder decision-making.
* Collaborated with data engineers to develop and maintain an automated data pipeline, ensuring consistency across all sources.
* Presented analytical findings to stakeholders, providing data-driven recommendations.
* Generated insightful visualizations and reports for post-event evaluations.

**Data Analyst, Fits Interbiz Concepts**

**JAN 2019 - JUN 2019**

* Collected and analysed research data using statistical methods and tools such as Excel and R Studio.
* Developed visualizations to present research findings to clients.
* Collaborated with engineering, QA, and compliance teams to build a sustainable data accuracy framework.
* Conducted comprehensive data analysis using Excel and R Studio, delivering actionable insights to drive strategic decision-making for clients.
* Spearheaded cross-functional efforts to establish a robust data accuracy framework, ensuring long-term data integrity and reliability.
* Transformed raw data into meaningful insights, contributing to improved client satisfaction and retention rates.
* Cleaned and pre-processed large datasets, enhancing the accuracy and reliability of analyses.

**Project Manager, TM Project Concepts Ltd, (NCC)**

**NOV 2017 - JUN 2018**

* Developed and initiated projects, managing costs and monitoring performance.
* Built project plans covering objectives, resources, and staffing requirements.
* Established an Emergency Call Centre.
* Recruited and trained 60 Call Agents and 2 Supervisors.
* Designed and implemented shift and workflow processes.
* Created a comprehensive process document to ensure continuity and consistency.

**Education**

* Robert Gordon University, Aberdeen

MSc. Information Technology with Business Intelligence, SEP 2023 - AUG 2024

* University of Abuja, Abuja

Bachelor of Arts, English Language, JAN 2008 - FEB 2012

* The Federal Polytechnic, Offa

National Diploma, Mass Communication, JAN 2004 - SEP 2005

**Projects**

* **Improving Customer Segmentation and Targeted Marketing Strategies through Data Analytics Techniques** <http://bit.ly/4l3Dd4g>
  + Utilized R programming to analyse customer data and improve marketing effectiveness.
  + Implemented K-means and DBSCAN clustering models to segment customers based on behavioural patterns.
  + Developed an interactive user interface using the Shiny library to automate the segmentation process for non-technical users.
  + Demonstrated ability to apply data analytics techniques to solve real-world business problems.
* **Cyclistic Bike-Share Case Study** <https://bit.ly/4l0BVH6> Analysis: <https://github.com/icanbe444/cyclistic_bike_analysis>
  + Conducted a comprehensive case study on Cyclistic bike-share data to identify trends and insights.
  + Utilized data analysis techniques to understand user behaviour and optimize service strategies.
  + Analyzed large datasets to provide data-driven recommendations for business improvement.
  + Presented findings and insights to stakeholders, demonstrating effective communication of complex data.
* **Data Exploration using SQL** <https://bit.ly/4hLKLFT>
  + Performed in-depth data exploration using SQL to extract meaningful insights from complex datasets.
  + Utilized SQL queries to filter, aggregate, and manipulate data for analysis.
  + Identified trends, patterns, and anomalies within the data to inform decision-making.
  + Demonstrated proficiency in SQL for data retrieval, analysis, and reporting.
* **Production Performance Analysis** [**https://bit.ly/4iY96tA**](https://bit.ly/4iY96tA)
  + Performed a data exploration using excel power query to get insight into the dataset of an oil exploration company.
  + **Training Impact:** Identified a correlation between **training hours** and **fewer quality issues**, as well as **higher units produced per hour**—highlighting the value of upskilling.
  + **Rig Performance Comparison:** Compared output across rigs to pinpoint top performers and areas needing improvement.
  + **Employee Productivity:** Analysed individual employee contributions against targets to assess capacity and efficiency gaps.

**Certifications**

* Google Data Analytics - Credential ID - FFZWQY3MNX5R
* Meta Database Engineer, Credential ID - NPKHP6MDNVHL
* AWS Certified Cloud Practitioner
* IBM Skillbuild Agile Explorer
* International Computer Driving License (ICDL Africa)