MUHAMMED A. ADEDIRAN

Data Scientist | Data Analyst

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PROFESSIONAL SUMMARY

Results-driven Data Scientist & Analyst with 4+ years of experience driving business growth through data-driven insights. Proven track record of analyzing complex data sets, developing strategic reports, and delivering timely intelligence that informs business decisions. Adept at collaborating with cross-functional teams to deploy models into production, leveraging expertise in analytical thinking, problem-solving, and research methodologies. Skilled in database management, data visualisation, and machine learning, with a strong ability to capture, curate, and manipulate complex data sets. Passionate about staying up-to-date with industry trends and advancements, with a drive to continuously improve processes and implement innovative solutions that propel organizational success.

PROFESSIONAL EXPERIENCE

Senior Data Analyst   Oct '24 - Present

ENFORCA TECHNOLOGIES LTD   (Remote) Ruislip, London, United Kingdom

- **Improved Data Analytics**: Enhance data manipulation, visualization with Python, MS Excel, SQL and Power BI helping the business to exceed the revenue projection by at least 12% MoM
- **Boosted Customer Relationships**: Successfully identified and managed stakeholder expectations, leading to an 11% improvement in customer satisfaction
- **Streamline Communication**: Automate data analysis tasks with Power Automate, amounting to a 27% increase in efficiency and reduced communication costs by more than 20%
- **Facilitate Teamwork and Collaboration**: Design and supervise formal meetings, promoting effective corporate communication and maintaining 0% "fight rate"

Data Scientist   Mar '24 - Sep '24

10ALYTICS   (Remote) Alberta, Canada

- **Data Analysis and Insights:** Conducted comprehensive data analysis using Python, Tableau, and SQL, analysing over 100K data points and provided actionable insights
- **Data Visualization and Reporting**: Developed interactive dashboards and visual representations, making data more accessible and reducing decision-making time by 25%
- **Data Quality and Validation**: Implemented data validation procedures, reducing data entry errors by at least 15%, and enhancing overall data quality through rigorous data cleaning and preprocessing, resulting in 99.5% data accuracy
- **Forecast Modeling and Prediction**: Built forecast models to predict future customers and products, achieving an 85% accuracy, MoM, in sales forecasting, and supporting strategic planning and business development
- **Collaboration and Innovation**: Collaborated with cross-functional teams, facilitating the adoption of new data modeling approaches, and prototyped and tested innovative solutions to complex business challenges, resulting in 2x increase in project delivery speed

Data Analyst   Apr '22 - Sep '24

MAROOF HRF   Oyo, Nigeria

- **Data-Driven Strategy Development**: Collaborated with cross-functional teams to translate data insights into actionable business strategies, driving a cumulative 63% increase in revenue by the end of 2023
- **Data Management and Analysis**: Created and maintained databases with 99% data accuracy, performed statistical analyses on 500K+ data points, and developed data visualizations using tools like Python, Power BI, and Excel
- **Executive Support**: Managed the CEO's calendar with 85% scheduling accuracy, responded to 500+ emails and phone calls per quarter, and coordinated 20+ events and travel arrangements by Q3, 2024
- **Cost Savings**: Presented data-driven recommendations to senior management, leading to cost-saving measures that reduced expenses by 17%
- **Insight-Driven Decision Making**: Conducted extensive analyses of 15+ critical metrics and KPIs, identifying areas for improvement and informing data-driven decision making that drove an overall 15% increase in operational efficiency

Data Analyst/OA   Jun '20 - Apr '22

SEAP MFI (INTERN)   Kwara, Nigeria

- **Data Management and Analysis**: Accurately entered and analyzed 5,000+ client records, loan details, and repayment histories in Excel, identifying trends and insights that informed lending decisions
- **Risk Management and Portfolio Growth**: Evaluated creditworthiness of 1,200+ loan applicants, achieving a 14% decrease in loan defaults and contributing to a 7% growth in the organization's branch, resulting in a 19% increase in loan portfolio value
- **Process Automation and Efficiency**: Automated repetitive tasks using Excel macros and VBA, saving up to 20% (4 hours/week) of time, and generated regular reports on loan performance, delinquency rates, and portfolio health, with a 99.9% accuracy rate

CORE COMPETENCIES

Data Analysis | Visualisation | Statistical Analysis and Modelling| Data Cleaning | Team Collaboration | Analytic and Critical Thinking | Attention to Details | Corporate Communication | Data Mining | Quantitative Analysis | Data Manipulation | Data Warehousing | Machine Learning - Natural Language Processing | Data Warehousing | Predictive Analysis Modelling | Business Intelligence and Development | Project Management

TECHNICAL SKILLS AND TOOLS

Programming Languages: (Python, R, SPSS)
Database Management: Microsoft SQL, MySQL, PostgreSQL, NoSQL, MongoDB
Operating Systems: Microsoft Windows Server. Microsoft Dynamics(MSD)
Machine Learning: Scikit-learn, TensorFlow, XGBoost, PyTorch,
Project Management: Monday.com, Asana, Trello
Collaborative tools (Slack, Team Viewer, Zoom), Microsoft Office tools (MS Word, Excel, PowerPoint), Google Suites (Doc, Sheet, Slide), Hadoop and Apache Flink
Other Software such as MATLAB, Maple, Tableau, Microsoft Power BI, DAX, Tableau, Docker, Airflow, Cloud Computing(AWS, and Azure), GitHub, and Jupyter Notebook.

EDUCATION

B.Sc (Sociology)   Aug '21 - Present

University of Ibadan   Oyo, Nigeria

CERTIFICATIONS AND TRAINING

- Data Analytics Using Excel – Great Learning - Remote 2024
- SQL For Data Science– Great Learning - Remote 2023
- Application of Data Science and Machine Learning– Great Learning - Remote 2023
- Python for Data Science– Great Learning - Remote 2023
- Proficiency in Microsoft Office– MS Computer Institute, Nigeria - 2016