

WILLIAM OMATSONE

+353833430952 | omatsone.o@gmail.com | [LinkedIn](#) | [Portfolio](#) | Dublin, Ireland

PROFESSIONAL SUMMARY

Versatile Data Analyst with over 5 years of experience in data manipulation, statistical analysis, and financial modelling. Proficient in SQL, Python, and Power BI, with a strong track record of building dashboards, ETL pipelines, and applying advanced data modelling techniques to drive business insights. Adept at collaborating with cross-functional teams to deliver actionable recommendations and improve operational efficiency while focusing on data governance and quality control.

SKILLS

Data Analysis & Visualisation: Power BI, Tableau, Excel, Data Storytelling

Programming & Automation: SQL, Python, R

Cloud & Big Data Tools: Azure, Snowflake, Spark, Databricks, Azure Data Factory, Oracle Analytics Cloud

Statistics & Modelling: Regression, Hypothesis Testing, Machine Learning

Data Governance & Quality: Data Validation, Process Automation, Data Integration

PROFESSIONAL EXPERIENCE

Senior Data Analyst

Vertice | Dublin, Ireland | February 2021 – Present

- Designed interactive Power BI dashboards to streamline KPI monitoring, enabling a 40% reduction in manual reporting and 15% faster decision-making.
- Built and optimised ETL pipelines using SQL and Oracle Analytics Cloud, improving data accessibility for Finance and Operations teams.
- Collaborated with Data Engineers to develop scalable data models that enhanced analytics and operational efficiency.
- Conducted statistical analyses, including regression and hypothesis testing, to uncover trends and provide actionable recommendations.
- Ensured adherence to data governance processes, maintaining data integrity across key workflows.

Data Science Intern

Vertice | Dublin, Ireland | April 2019 – May 2020

- Conducted rigorous data quality checks to support accurate reporting.
- Developed complex SQL queries for data extraction and transformation, ensuring efficient analytics workflows.
- Applied machine learning techniques, including clustering and classification, to support business intelligence projects.
- Designed A/B testing frameworks to evaluate business strategies and improve outcomes.

Data Analyst

Dangote Industries Limited | Lagos, Nigeria | March 2015 – August 2018

- Automated attendance tracking for 10,000+ employees using MySQL, reducing manual efforts by 80% and enhancing HR productivity by 20%.
 - Developed and implemented an IT issue-tracking system, reducing recurring problems by 30%.
 - Designed PIAMS for monitoring refinery project costs, improving forecasting accuracy and compliance.
 - Conducted in-depth financial data analysis to support procurement and budgeting processes.
-

EDUCATION

Master's Degree (M.Sc.) in Data Science

Technological University Dublin | February 2020

- Relevant coursework: Machine Learning, Data Mining, Deep Learning, Data Visualization, Inferential Statistics, Data Management, Problem Solving
- Tools: Python, Sklearn, Pandas, Matplotlib
- Dissertation: Image Instance Segmentation Using Mask R-CNN

Bachelor's Degree (B.Sc.) in Information Systems

American University of Nigeria | May 2012

- Relevant coursework: Database Management, Differential Equations, Networking, Computer Architecture, Enterprise Resource Planning
 - Tools: PHP, SQL, Java, SAS Enterprise Miner, SAP
 - Dissertation: Social Media Analysis in a University Environment
-

DATA PROJECTS

- **Optimising HbA1c Measures and Readmissions:** Analysed 60,234 patient encounters using SQL and Tableau to identify gaps in HbA1c testing and high-risk readmission groups. Delivered insights for improved patient care.
 - **Unveiling Spending Trends with Revolut Data:** Power BI was used to analyse personal finance data and identify spending patterns, enhancing understanding of personal finance.
 - **World Bank Loan Performance Analysis:** Examined 1.3M+ loan records to assess repayment trends and disbursement delays, highlighting actionable insights for global project success.
 - **iFood Customer Segmentation:** Utilised Excel and pivot tables to segment customers, identifying high-value groups that drive 20% of revenue, supporting targeted marketing strategies.
-

CERTIFICATIONS

[Google Data Analytics](#)

[Oracle Machine Learning using Autonomous Database 2023 Certified Associate](#)

[Oracle Cloud Infrastructure 2023 Certified Data Science Professional](#)

[Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate](#)
