

Michael Ahana

MSc. Data Science

☎ (+1) 905-302-3170 | ✉ ahanamichael40@gmail.com | 📱 MCHANS101 | 🌐 michael-ahana0

“Be the change that you want to see in the world.”

Summary

Driven Analytics Engineer with over 4 years of experience developing scalable data pipelines, optimizing business reporting, and improving system reliability across fast-paced environments. Skilled in translating complex data into clear insights that empower decision-making and enhance customer experience. Known for a curious mindset, strong communication skills, and the ability to work cross-functionally with product, engineering, and business teams. Passionate about devising better problem-solving methods for challenging tasks and eager to explore new technologies and tools as needed.

Skills

Languages/Frameworks	Python, Java, SQL, R, Scikit-learn, XGBoost, MySQL, Statsmodels, pandas, NumPy
Data Engineering/Tools	Apache Airflow, dbt, Spark, Kafka, Jupyter, Git, Docker
Visualization/BI	Power BI, Tableau, Excel, Looker Studio
Databases /Cloud	PostgreSQL, BigQuery, Oracle SQL 19c, Snowflake, AWS, Azure, GCP
Dev Platforms	VS Code, Git, GitHub, Google Cloud Functions

Education

Thompson Rivers University

MASTERS OF SCIENCE IN DATA SCIENCE

Kamloops, BC

Sep. 2023 - Apr. 2025

- Machine Learning, Statistical Modeling, Data Engineering, Predictive Analytics, Data Visualization
- Tools: Python, R, SQL, ApacheAirflow, Spark, PowerBI, AWS, Azure, GCP

Afe Babalola University

BACHELOR OF APPLIED SCIENCE IN ELECTRICAL ENGINEERING

Ekiti, Nigeria

Sep. 2017 - June. 2022

- Algorithms and Data Structures, Database Systems, Control Systems, RF and Microwave Circuits, Management Science
- Certificates:** Azure Fundamentals, Azure Developer Associate

Work Experience

Aventas

SALES AND DATA INSIGHT ASSOCIATE

Toronto, ON

May 2025 – Present

- Leveraged **CRM tools (Salesforce)** to monitor lead engagement, pricing, funnel conversion rates, and sales KPIs across regional campaigns.
- Designed dynamic **Excel dashboards** and **pivot tables** to visualize sales performance trends, uncover high-conversion touchpoints, and improve lead-to-close efficiency by **14%**.
- Presented weekly **data-backed performance reports** to senior leadership to drive strategic decisions on campaign optimization and resource allocation.

Seaqwest Oil and Exploration Company

DATA-SYSTEMS ENGINEER

Port Harcourt, Nigeria

Apr 2022 – Jul 2023

- Conducted **exploratory data analysis (EDA)** and **feature extraction** on structured and time series well test data using **Python (pandas, NumPy)** and **SQL**.
- Developed automated dashboards in **Power BI** and **Looker Studio** to track productivity, pressure drawdown, and flow efficiency across **15+ test sites**.
- Engineered and deployed **data pipelines** for ingesting sensor readings (temperature, pressure, flow rate) into **AWS S3** for preprocessing and analytics.
- Applied **regression modeling** and statistical techniques to forecast **reservoir performance**, identifying underperforming wells and boosting decision accuracy by **18%**.

PHED (Port Harcourt Electricity Distribution Company)

ENERGY ANALYTICS AND MAINTENANCE (CO-OP)

Port Harcourt, Nigeria

Feb 2021 – Sep 2021

- Analyzed **SCADA** logs from **transformers and substations** to detect voltage anomalies and load imbalances using **Python** and **Power BI**.
- Assisted in developing **automated maintenance alert systems** using **Google Cloud Functions** and **BigQuery**, helping reduce **unscheduled outages** by **22%**.
- Supported the integration of **predictive maintenance models** leveraging **random forest** and **time series decomposition** to enhance reliability and outage mitigation.