

Ogbonna Ngwu

Data Analyst specializing in ETL pipelines, predictive modeling, and business intelligence. Delivered 25% ROI growth (Omnipay BNPL) and 30% inventory optimization through Python, SQL, and PowerBI. Passionate about turning raw data into executive-level insights.

Technical Skills

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- **Programming:** Python(Pandas, NumPy, Scipy), SQL (MySQL, PostgreSQL, IBM Db2).
 - **Data Visualization:** PowerBI, Tableau, Matplotlib, Seaborn, Plotly.
 - **Machine Learning:** Scikit-learn, TensorFlow, Keras, Azure ML, AutoML, MLFlow.
 - **Cloud Platforms:** Microsoft Azure (Azure ML, Databricks), Google Colab

Software/Analytics Tools

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|------------------------|----------------------------|
| • Microsoft Excel | • VS Code/Jupyter Notebook |
| • Google Colab | • Salesforce CRM |
| • IBM Cognos Analytics | • Git |
| • SQL server | |

Experience

Technical Customer success Analyst | OmniBiz Africa | Lagos | Oct 2023 - Present

- Optimized inventory by 30% (\$150K/year cost savings) by building a Python time-series model (Scikit-learn, Pandas) analyzing stock levels and demand patterns.
- Boosted Omnipay's BNPL credit facility ROI by 25% in 6 months by developing a Python-powered risk model (Scikit-learn, Pandas) that analyzed distributor creditworthiness (transaction history, repayment trends, and market demand). The model reduced default rates by 15% and unlocked \$2M+ in high-quality loans.
- Designed interactive PowerBI dashboards tracking NPS, churn rate, and support response times, reducing customer complaints by 10% in 3 months and saving 200+ hours/year in manual reporting.

ETL Developer(Contract) | MyDutyCollect | Dublin, Ireland | [Project Repo](#) | Feb-May 2025

- Built ETL pipelines to extract tariffs, VAT, and excise data, feeding accurate input-data into ML models for real-time automated cross-border trade compliance advice for global partners.
- Reduced cross-border shipping delays by 20% by cleaning and transforming 10M+ rows of logistics data (Python, PySpark), enabling real-time ETA predictions for partners.

Product Analyst | Greenera Technology LTD | Owerri | Owerri, NG | 2021-2023

- Optimized solar microgrid performance for 200 SMEs by analyzing energy usage patterns (Python, SQL), reducing downtime by 40% and increasing revenue by \$10K/year.
- Led the launch of SunSwitch-Energy finance software, securing 4,000 pre-launch users.

Data Science Intern | Start Innovation Hub, Uyo, Nigeria | June, 2019 - Dec 2019

- Automated BI reports (Python, SQL) for 5+ clients, reducing manual analysis time by 30 hours/month.

Education

- **B.E. Computer and Electronic Engineering** *Federal University of Technology, Owerri* | 2020 |