

EBUBECHUKWU PRINCEWILL OKOYE

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PROFESSIONAL SUMMARY

Business-Focused Data Analyst with 3+ years of experience transforming complex datasets into clear, evidence-based solutions across training, operations, and HR/workflow analytics. Holds a First-Class B.Sc. in Botany, reflecting strong analytical rigor and research skills. Proven to build automated data pipelines (Python, GitHub Actions, rclone) and design interactive, executive-ready Business Intelligence dashboards (SQL, Power BI, Tableau) that drive operational efficiency. Recognized for key business outcomes, including boosting trainee job-readiness by 30%, designing a lightweight CRM that improved efficiency by 35%, and delivering cost-saving Python automation that replaced expensive cloud solutions. Core Expertise: Workflow Automation, KPI Design, Data Storytelling, Statistical Analysis, and Business Intelligence (Power BI/DAX).

RELEVANT WORK EXPERIENCE

Data Analyst Instructor (Trainer) | F & G Communication Services LTD.

Awka, Nigeria

|Aug 2024 – Oct 2025|

- Designed and delivered a comprehensive data analytics curriculum across key tools (Power BI, SQL, Python, Excel, SPSS), resulting in a 30% increase in trainee job-readiness and a 95% participant satisfaction rate across 5 delivered sessions.
- Developed and deployed a Google Sheets-based order tracking system that served as a lightweight CRM, improving operational efficiency by 35% through standardized customer interaction management.
- Acted as a subject matter expert, training over 4 professionals on complex statistical methods and best practices in data visualization and ethical reporting.

Data Analyst (Independent Contractor) | VOSYN

Remote, Canada

|May 2025 - Aug 2025|

- Automated a critical data ingestion and merging pipeline using Python, rclone, and GitHub Actions, saving approximately 10 hours per reporting cycle while strategically avoiding the cost and complexity of a cloud-based Azure ETL solution.
- Collaborated with Operations and HR teams to design and publish executive-ready Power BI dashboards focused on People/HR workflow KPIs (cycle time, SLA attainment), achieving a 75% adoption rate within eight weeks.
- Developed a high-efficiency data preparation workflow using Power Query (M) to standardize cleaning and refresh for small datasets, reducing manual prep time by over 80%.
- Collaborated directly with HR/Operations stakeholders to define and validate KPIs, ensuring reports were accurately aligned to core decision-making needs.

Data Analyst | FreeLance

Remote

|Oct 2021 – Jul 2024|

- Designed and implemented statistical analysis workflows using Python and SPSS for research datasets exceeding 10,000 entries.
- Conducted descriptive and inferential analyses, including hypothesis testing and regression modeling, to identify key trends across institutional projects.
- Ensured data reliability through structured cleaning, missing-value handling, and variable coding validation.

EDUCATION

B.Sc., Botany | Nnamdi Azikiwe University, Awka (UNIZIK), Anambra State, Nigeria.

|Apr 2023|

- **Honors:** Graduated First-Class; awarded Top of the Department recognition.
- **Relevant Coursework:** Statistical Methods, Experimental Design, Research Methodology.

TECHNICAL PROJECTS

Forex Rate Automation

- Engineered a real-time data retrieval solution using Python and the Bybit API to automatically push current Naira–Dollar exchange rates to a Discord server.
- Enabled timely, data-driven trading insights for a private community of users.

Climate Change Analysis (Kaggle)

- Applied Python (pandas, NumPy, matplotlib) to analyze 60 years of global land temperature data.
- Identified and published a long-term +1.40 warming trend on Kaggle, demonstrating proficiency in time-series analysis and public data storytelling.

SKILLS & CERTIFICATIONS

Business Intelligence & Visualization: Power BI (Data Modeling, Power Query M), Tableau, Advanced Excel (Power Query/Pivot).

Programming & Data: Python (Pandas, NumPy, API Integration), SQL (Joins, Querying), R, SPSS.

Automation & Operations: GitHub Actions (CI/CD), Git/GitHub, rclone, APIs (REST), ETL Principles, Data Validation.

Core Analytics: Statistical Analysis, KPI Design, Data Storytelling, Hypothesis Testing, Stakeholder Management, Requirements Gathering.

CERTIFICATIONS: Google Data Analytics (2024), Udacity Data Analytics Nanodegree (2022)

MEMBERSHIP & VOLUNTEERING

Green Environment and Climate Change Initiative (GRENCHI)

- Contributed to community-based environmental conservation projects, supporting grassroots sustainability efforts and civic engagement.
- Led data collection and awareness activities to inform local advocacy on climate action and environmental policy.

Justice, Development and Peace Caritas (JDPC)

- Participated in state-wide outreach programs assessing primary healthcare centers across Anambra State, identifying systemic barriers affecting women's access to maternity services.
- Contributed to data gathering and cleaning, field assessments, and reporting that informed local government interventions, strengthening community advocacy and influencing rural healthcare policy in communities like Urum and Aguleri.