

CHIBUEZE OBASI

Data Analytics Engineer

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PROFESSIONAL SUMMARY

Data Analyst with 5+ years of experience building the data pipelines and analytics infrastructure that turn raw business data into decision-ready insight. Experienced in designing dbt-based transformation models, automating recurring ETL and reporting workflows with Python and SQL, and managing large-scale datasets across Snowflake and PostgreSQL. Partners closely with Data Analysts, Engineering, and business stakeholders to define requirements, safeguard data quality and governance, and monitor pipeline performance, while delivering interactive Power BI and Tableau reporting that gives 50+ stakeholders real-time visibility into performance.

CORE SKILLS

- **Data Pipelines & ETL:** Python & SQL-based ETL/automation workflows, dbt (data modeling & transformation for BI), pipeline performance monitoring, data-quality validation pipelines
- **Databases & Data Platforms:** Advanced SQL (PostgreSQL, Snowflake), large-scale dataset management, query optimization
- **Analytics & BI:** Power BI, Tableau, Looker Studio — interactive dashboard design, KPI monitoring, performance reporting
- **Automation & Scripting:** Python, Google Apps Script, Excel VBA, AI-assisted pipeline documentation and reporting
- **Data Quality & Governance:** reconciliation across systems, real-time validation alerting, reporting standards
- **Statistical Methods:** A/B testing, hypothesis testing, regression, cohort analysis, trend forecasting, KPI design
- **Collaboration:** cross-functional partnership with Data, Engineering, Product, Finance, and Operations teams; stakeholder onboarding and training
- **Additional Technical Exposure (personal projects):** Databricks, Docker, Apache Airflow, Airbyte, Kafka, Kubernetes, AWS/Azure, Spark, distributed systems concepts

PROFESSIONAL EXPERIENCE

Data Analytics Engineer | Kela Analytics | Remote

Sep 2024 – Present

- Designed and built a dbt-based transformation model to clean, structure, and prepare raw source data from 15+ data sources, creating a reliable, analysis-ready pipeline layer for downstream BI reporting.
- Automated recurring data pipeline and reporting workflows using Python and SQL, cutting manual processing effort from 40 hrs/week to 10 hrs/week — a 75% efficiency gain — while improving pipeline reliability.
- Built an automated data-quality monitoring system with real-time validation alerts across pipeline outputs, catching inconsistencies before they reached stakeholders and reducing reporting errors by 85%.
- Built and maintained a suite of 20+ interactive Power BI and Looker Studio dashboards, giving 50+ business users real-time visibility into finance, sales, and operations performance.
- Partnered with cross-functional Data, Engineering, and business teams to gather requirements, define KPIs, and iterate on pipeline and dashboard design through to stakeholder sign-off.
- Used AI tools to accelerate pipeline documentation, dashboard/report building, and summarization of large datasets, reducing turnaround time on recurring and ad-hoc requests.
- Led onboarding sessions for 30+ business users on new reporting and data infrastructure, producing documentation and walkthrough videos that increased self-service adoption by 40%.

Data Analyst | Abia Tech Hub Limited | Umuahia, Nigeria

Jun 2023 – Sep 2024

- Designed a centralized KPI data pipeline consolidating finance, sales, and operations records into a single unified structure, eliminating siloed spreadsheets and manual cross-checking.
- Improved average SQL query execution time by 50% (8 min → 4 min), accelerating pipeline refresh rates and enabling near-real-time reporting.
- Implemented automated monitoring processes and data-quality standards, achieving 98% data accuracy across all outputs and building stakeholder trust in reported figures.
- Built 15+ departmental dashboards spanning finance, inventory, and operations, each with role-based access controls to protect sensitive data.
- Created self-service reporting templates and trained business users across 3 departments, producing reference documentation and conducting interactive workshops.

Power BI Developer Intern (Part-time) | Zoomcharts | Remote*Jul 2023 – Feb 2024*

- Developed and optimized 10+ Power BI dashboards using advanced DAX measures and time-intelligence functions, improving load performance by 30% for 100+ end users.
- Built cross-functional KPI dashboards mapping sales, marketing, and operations metrics to business objectives for department heads.
- Maintained and updated live dashboards on a bi-weekly schedule, resolving data connection issues and incorporating new metrics as requirements evolved.

Data Analyst | Street Waste Company Limited | Lagos, Nigeria*Jan 2022 – May 2023*

- Built Power BI operational dashboards giving 25+ stakeholders real-time visibility into route performance, volumes, and SLA compliance.
- Automated recurring Excel and reporting workflows using Python and SQL scripts, cutting report generation time by 60% (5 hrs → 2 hrs).
- Maintained data reliability through regular source audits and scheduled reviews, achieving 99% uptime across all production reporting systems.
- Collaborated with operations managers to define reporting requirements and translate business questions into a structured metrics catalogue used as the single source of truth.

EDUCATION

Bachelor of Science in Statistics — Abia State University (ABSU), Uturu, Nigeria