

Martin Kilombe | Data Analyst | Data Engineer

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WORK EXPERIENCE

Cloud Intelligence

Lead Data Analyst

Jun. 2023 - Present

South Africa (Remote)

- Collaborated closely with stakeholders to deliver dashboards and insights, improving decision-making effectiveness by 40%.
- Designed and implemented a real-time data quality framework monitoring 100+ metrics, improving data health visibility across the organization.
- Optimized SQL queries and PostgreSQL processes, reducing execution times by 30% and ensuring reliable insights delivery.
- Documented reporting processes and governance guidelines, aligning analysis outputs with compliance standards.
- Pioneered integration of local LLMs (Google MedGemma) to automate summarization and enhance reporting privacy, demonstrating courage and innovation in digital adoption.

Data Engineer

South Africa (Remote)

- Designed and deployed ETL pipelines in Python and SQL, automating ingestion of 10M+ financial and operational records monthly, cutting manual data preparation by 60%.
- Built and maintained data warehouse structures (PostgreSQL & Cloud SQL) that supported real-time analytics for 5 business units, reducing reporting delays by 40%.
- Implemented data orchestration workflows with Docker, improving deployment reliability and achieving 99.5% pipeline uptime across environments.
- Developed monitoring and alerting systems for pipelines, enabling 30% faster incident resolution and proactive issue detection.

Crunch Garage

Data Analyst

Jan. 2022 - May 2023

Nairobi, Kenya

- Automated key reporting processes using Python and SQL, reducing reporting turnaround by 50% and improving accessibility for operational teams.
- Implemented data quality monitoring initiatives, cutting data errors by 20% and strengthening confidence in insights.
- Collaborated across teams to define KPIs and design dashboards, improving campaign targeting efficiency.
- Trained non-technical users in data interpretation, enhancing organizational data literacy and resilience in analytics adoption.

Trident Insurance Ltd
Business Intelligence Analyst

May. 2021 - Dec. 2021
Nairobi, Kenya

- Conducted in-depth market research and competitive analysis to identify market trends, customer preferences, and potential opportunities, providing valuable insights for strategic planning and business growth.
- Developed and maintained data models, cubes, and metadata documentation, enabling efficient ad-hoc analysis.
- Produced market research and competitive analysis reports that informed strategic planning and product development.

SKILLS

Data Analyst & Visualization: SQL, Python, Power BI, Tableau, Metabase, Excel

Data Engineering & Pipelines: ETL development, Data Warehousing (PostgreSQL, Cloud SQL, BigQuery), Orchestration (Apache Airflow, dbt), Streaming (Kafka, Spark Streaming), CI/CD (GitHub)

Cloud Platforms: Google Cloud Platform (Cloud SQL, BigQuery, Cloud Storage)

Data Governance & Quality: Data validation, profiling, and monitoring

Programming & Automation: Python, Bash, Docker

Business Intelligence: Dashboard creation, KPI development, stakeholder reporting

AI & Emerging Tech: AI data preparation, ethical AI practices, local LLMs for summarization & insights

EDUCATION

Jomo Kenyatta University Of Agriculture And Technology
Bachelor of Science in Actuarial Science and Statistics

Nairobi, Kenya

- Second Class- Upper Division

CERTIFICATIONS

Google Data Analytics Professional Certificate
Microsoft Power BI Data Analyst (PL-300)

Projects

[Financial Data Engineering Pipeline](#)

Data Engineering

Dual-source OHLC + real-time market data pipeline with Python, GCP, PostgreSQL, and SQLAlchemy.

[Netflix Case and UK Job Market Case Study](#)

Data Analysis

Interactive dashboards exploring Netflix viewership and UK labor-market patterns; published to Tableau Public.