

MARION RACHEAL NYABOE SURE

Data Engineer | Data Systems & Automation | SQL & Python

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PROFESSIONAL SUMMARY

Data Engineer with a background in data analysis and backend development, experienced in building reliable, analytics-ready data pipelines and supporting database-driven systems. Skilled in SQL, Python, relational databases, ETL workflows, Power BI, and Looker Studio, with practical exposure to cloud platforms such as AWS. Strong focus on data quality, documentation, and delivering actionable insights while collaborating with technical and non-technical stakeholders.

TECHNICAL SKILLS

- Data & Analytics: Data cleaning, validation, transformation, EDA, reporting, performance tracking.
- Tools: SQL, Excel, Pandas, NumPy, Power BI, Looker Studio.
- Databases: MySQL, PostgreSQL.
- Data Engineering: ETL fundamentals, Google Sheets automation, AWS S3 (foundational), Airflow (foundational).
- Programming: Python (pandas, matplotlib).

PROFESSIONAL EXPERIENCE

Nairobi City County Government – Governor’s Delivery Unit

Data Engineering Intern

01/2025 – 12/2025 | Nairobi, Kenya

- Built and successfully piloted an automated Google Forms → Google Sheets → Looker Studio pipeline, Successfully transitioning 17 sub-counties from manual WhatsApp reporting to automated pipeline enabling near real-time dashboards for environmental initiatives.
- Designed and maintained high-impact dashboards in Looker Studio, enabling county leadership to monitor service delivery performance, operational trends, and key metrics.
- Implemented data validation and quality checks to ensure accuracy, consistency, and reliability of reporting datasets (Approximately 20,000 records).
- Collaborated with three cross-functional teams to monitor progress of county-wide projects in the health sector, assess impact, and support data-driven planning.

Unimax Company Limited

Technical Support Engineer

02/2024 – 12/2024 | Nairobi, Kenya

- Analyzed voice and SMS traffic data and produced visual reports that improved Ameyo-Exotel platform reliability.
- Delivered weekly and monthly performance reports highlighting trends and call volumes to support client decision-making.
- Worked with clients and internal IT teams to define SLAs and resolve technical issues, strengthening service accountability.

EDUCATION

Bachelor of Science in Software Development - KCA University- 2018 – 2023

CERTIFICATIONS & TRAINING

- Data and AI specialist - Cybershujaa - Ongoing (2026)
- Associate Data Engineer in SQL - DataCamp (2026)
- AWS Cloud Practitioner - AWS Ongoing (2026)
- Software Engineering certification - PLP Africa (2024)

PROJECTS

Green and Clean Initiative Automation

- Developed and piloted an automated reporting pipeline to monitor environmental cleanup activities across Nairobi City County. Tools used: Google forms, Excel, Looker Studio.
- Enabled county teams to track performance trends, plan resource allocation, and propose actionable interventions.
- Portfolio: Looker Studio dashboards available via LinkedIn.

Nairobi County bursaries and scholarship allocations dashboard

- Cleaned and organized multi-year bursary and scholarship allocation data using Excel.
- Built an interactive dashboard in Looker Studio to track allocations by year, school, ward, and student.
- Visualized funding trends, allocation distribution, and repeat beneficiary patterns to support transparency and data-driven decision-making.

REFERENCES

Available upon request.