# MAUREEN NDUNGE KITANG'A

Data Analyst | Data Engineer| BI Developer

+254 701 584 307 | ndungek66@gmail.com

Nairobi, Kenya

## CAREER OBJECTIVE

To work in a position that demands initiative and sharp interpersonal skills, to build teamwork and maximize service level in the organization and further develop my career within a challenging and result-oriented environment, with an objective of improving the organization's corporate image and increasing its efficiency in service delivery.

## KEY STRENGTHS

- Excellent written and oral communication skills.
- Ability to work effectively with little to no supervision, independently or as part of a group.
- Strong interpersonal skills, with respect for team diversity and multiculturalism.
- Ability to prioritize multiple tasks, meet deadlines, and ensure quality work that meets set standards and regulations.

# PROFESSIONAL EXPERIENCE

**Data Analyst**

*Burhani Engineers Limited*

**8th July 2024 – Present**

- Analyze large datasets using SQL and Python to identify trends, anomalies, and improvement opportunities.
- Develop custom SQL queries and database views to generate tailored reports for stakeholders.
- Design and maintain end-to-end data pipelines for extracting, transforming, and loading data.
- Create interactive dashboards using Qlik Sense or Power BI to visualize key metrics and analytics.
- Perform data reconciliation to ensure accuracy of financial and operational data.
- Support finance team with bank reconciliations and transaction investigations.
- Develop predictive models to forecast trends and support strategic planning.
- Automate repetitive data tasks to increase efficiency and reduce manual errors.
- Collaborate with cross-functional teams to understand requirements and deliver insights.
- Provide data-driven recommendations for process optimization and resource allocation.
- Maintain data quality through validation checks and integrity monitoring.

**Technical Intern**

*National Housing Corporation*

**1st Nov 2021 – 23rd Dec 2021**

- Performed comprehensive data entry and record management operations, including creating, reading, updating, and deleting records in organizational databases.
- Conducted data reconciliation tasks to ensure accuracy and consistency of records across multiple systems and databases.

- Supported database maintenance activities and assisted in data migration processes to improve system performance.
- Executed routine data validation checks and quality assurance procedures to maintain data integrity standards.
- Collaborated with ICT team to troubleshoot data-related issues and ensure seamless database operations.
- Assisted in implementing data backup and security protocols to protect organizational records from unauthorized access.

## EDUCATION BACKGROUND

**Feb 2023 – July 2023:**

Moringa School, Nairobi

*Certification in Data Science*

**Sep 2018 – Dec 2022:**

Maseno University, Kisumu

*Bachelor of Science (Computer Science)*

Second Class Honors (Upper Division)

**Feb 2014 – Dec 2017:**

Kangaru Girls' High School, Embu

*Kenya Certificate of Secondary Education (K.C.S.E)*

B (plain)

# TECHNICAL SKILLS

1. **Data Engineering & ETL:**

   Proficient in designing and implementing data collection pipelines using Survey CTO, automated web scraping frameworks, and API integrations. Experienced in extracting, transforming, and loading data from multiple sources into analytical databases.

2. **Business Intelligence & Visualization:**

   Advanced expertise in developing interactive dashboards and self-service analytics solutions using Power BI, Tableau, Looker, Qlik Sense, and Zoho Analytics. Skilled in creating data models, calculated fields, and real-time reporting for executive decision-making.

3. **Data Analysis & Statistical Modeling:**

   Comprehensive experience in the full analytical lifecycle, from data preprocessing to advanced statistical analysis. Proficient in Python (pandas, numpy, scikit-learn) and R for predictive modeling, hypothesis testing, and machine learning implementations.

4. **Multi-Cloud Data Architecture:**

   Extensive experience across major cloud platforms including AWS (Redshift, S3, Lambda, Glue), Microsoft Azure (Synapse Analytics, Data Factory, Blob Storage), and Google Cloud Platform (BigQuery, Dataflow, Cloud Storage). Skilled in building scalable data warehouses, implementing data lakes, and designing cloud-native ETL processes for enterprise-scale analytics.

5. **Database Management & SQL:**

   Advanced proficiency in relational databases (PostgreSQL, MySQL, SQL Server) and NoSQL systems (MongoDB, Cassandra). Expert in complex query optimization, stored procedures, and database performance tuning for large-scale data operations.

6. **Enterprise Systems Integration:**

   Expertise in integrating disparate business systems and automating cross-platform data workflows. Skilled in creating custom reports, implementing data synchronization processes, and maintaining data integrity across multiple enterprise applications and databases.

7. **Stakeholder Communication & Documentation:**

   Proven ability to translate complex analytical findings into actionable business insights for C-level executives and technical teams. Advanced proficiency in Microsoft Office Suite and Excel (pivot tables, macros, VBA, advanced formulas) for creating compelling data narratives, executive presentations, and technical documentation.