DENIS KOMBE KARISA

DATA ANALYST | BUSINESS INTELLIGENCE | DATA & AI

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Data and IT professional skilled in SQL, Python, Excel and Power BI, with 2 years experience in data analytics, business intelligent dashboards, supporting digital system rollouts, training users across large public-sector environments, monitoring data and system adoption, and communicating technical issues. Seeking opportunities in data analysis, business intelligence, data and AI roles and system administration.

TECHNICAL SKILLS & EXPERTISE

- **Data analysis and data management:** MySQL, Python, Excel, data cleaning, EDA, data quality checks and reporting, record digitization.
- **Business intelligence:** Power BI, DAX, data modelling, KPI development and dashboard design.
- **AI and machine learning:** Artificial Neural Networks (ANN), Linear Regression, model evaluation.
- **Systems and deployment:** HMIS rollout, system adoption monitoring.
- **IT and development:** Laravel, Git, GitHub, Docker, Linux web server configuration.
- **Professional skills:** user training, user guides, user onboarding, technical documentation, stakeholder communication, problem-solving and cross-team coordination.

SOFT SKILLS

- Strong verbal and written communication skills.
- Analytical problem solving.
- Adaptability and learning ability.
- Cross-Functional collaboration.

EDUCATION

- 2021-2025 **BSc. Information and Communication Technology**
  Jaramogi Oginga Odinga University of Science and Technology.

CERTIFICATIONS

- Aug 2025 **Data and AI** Cyber Shujaa | USIU-Africa
- Mar 2025 **Data Analytics for Project Management** Udemy
- Aug 2024 **Data Analysis with MySQL and Tableau** Zindua School

WORK EXPERIENCE

ICT Volunteer | Kilifi County Hospital | May 2026 – Present

- Support the hospital's TaifaCare system rollout across clinical and support units, assisting staff with system access, navigation and day-to-day use.
- Provide first-line troubleshooting, document recurring user and workflow issues, and escalate system-level problems to the relevant technical teams.
- Collaborate with teams across health service areas to support adoption and continuity of digital workflows.

Field System Administrator Officer

Roamtech Solutions Limited | Kilifi County Referral Hospital | Dec 2025 – Aug 2026.

- Supported HMIS/EMR rollout and adoption across 40+ hospital departments, onboarding more than 400 clinical and administrative staff.
- Delivered on-site and remote user training, prepared user guidance, monitored system usage and reported adoption and stock-take progress.
- Acted as liaison between hospital teams, county ICT stakeholders and the service provider; investigated first-line issues and escalated system-level faults.

IT Support Attachee | County Government of Kilifi | May 2024 – Aug 2024

- Provided user support and troubleshooting for office technology and software.
- Digitized more than 800 visitor records in Excel, improving record accessibility and day-to-day record keeping.

PROJECTS

Legal Operation and Case-Management System | Laravel Web Application | 2026

- Developed a web-based legal operation and case-management system for tracking and recording legal cases, documents, hearings, tasks, and office workflows.

Sales Performance Analysis | MySQL | Link: Data Analytics Project.

- Action: Cleaned and analysed sales data using SQL queries, performing EDA across products, regions, salespeople and marketing channels.
- Results: Identified top-performing products, markets and sales channels supporting data-driven marketing and sales decisions.

Hotel Business Intelligence Dashboard | Power BI | Link: Data Analytics Project.

- Problem: Need for consolidated performance reporting to monitor hotel revenue, room occupancy and booking trends.
- Action: Transformed and modelled hotel datasets using a Star Schema, developed DAX measures and built an interactive dashboard with dynamic KPI filters.
- Results: Delivered an interactive dashboard to support and revenue management decisions.

Handwritten Digit Classification | Python | Link: Deep Learning Project.

- Problem: Automating handwritten digit recognition to demonstrate image classification using artificial intelligence.
- Tools used: Python, TensorFlow, Keras, Google Colab.
- Action: Preprocessed the MNIST dataset, developed and trained an Artificial Neural Network and evaluated predictions using a confusion matrix and classification metrics.
- Results: Achieved 93.70% test accuracy and saved the trained model for potential application or API deployment.

INTERESTS

- Data analytics content creation.
- Data analytics and business intelligence.
- Artificial intelligence and machine learning.
- Technology innovation and digital transformation.

HONORS & ACHIEVEMENTS

- Onboarded and trained 400+ hospital staff across 40+ departments during a public-sector HMIS rollout at County Government of Kilifi.
- Completed a two-month data analytics challenge with Zindua School, gaining practical experience in analysis, teamwork, and presentation.
- Graduated with a Merit from Cyber Shujaa.

REFERENCES

- Available on request.