

KIPNG'ENO RHODAH JERONO
Aspiring Data Analyst| Business Analyst
Eldoret, Kenya
[Github](#)| [LinkedIn](#)| [Portfolio](#)
+254 708 847 933| rhodahjerono@gmail.com

PROFILE

Aspiring **Data Analyst & Business Analyst** with a strong foundation in **Python, SQL, and BI tools**, certified in **Business Intelligence (Google), Project Management (Coursera), and Data Analysis (ALEX ANALYTICS)**. Passionate about transforming raw data into actionable insights to drive sustainability, agroforestry, and climate resilience. Combines technical expertise with **Agile methodologies** and stakeholder communication skills to bridge gaps between data and business strategy.

TECHNICAL SKILLS

Analytics & Visualization: Tableau, Power BI, Matplotlib, Seaborn, MySQL, Excel

Languages: Python (NumPy, Pandas, Scikit-learn, BeautifulSoup, Selenium), Java, JavaScript (Node.js, React), SQL, C++, HTML, CSS, Dart

Machine Learning & AI: Supervised, Unsupervised Learning, Natural Language Processing, Computer Vision (OpenCV, TensorFlow)

Databases: PostgreSQL, MongoDB

Web Dev: Flask, Django, React, Node.js, REST APIs

Cloud & DevOps: AWS (Lambda, S3), Docker, Git, GitHub, CI/CD pipelines

Other: Agile (Scrum), Jira, Trello, Jupyter Notebooks

EDUCATION & CERTIFICATIONS

Kabarak University, Kenya

Bachelor of Science in Information Technology (Expected 2025)

Coursera

- *Google Business Intelligence Professional Certificate (2025)*
- *Project Management Certificate (2024)*

ALEX ANALYTICS

- *Data Analysis Bootcamp (2025)*

Asana Academy

- *Workflow Specialist(2025)*

NOTABLE PROJECTS

Career Insights Dashboard (Power BI)

- Analyzed salary vs work-life balance across various career paths, identifying top roles in data analytics.

US Top Companies Scraper (Python)

- Web scraped data using BeautifulSoup and Selenium, cleaned and analyzed using Pandas.
- Visualized KPIs using Matplotlib and Seaborn.

Airbnb Investment Insights (Tableau)

- Analyzed seasonal occupancy and pricing data using Tableau.
- Found December yields 20% higher revenue, aiding strategic listing decisions.

U.S. Layoffs Analysis (SQL)

- Queried layoff data to pinpoint Amazon as the top company for layoffs (2022), supporting HR strategy discussions

Fraud Detection System

- Built an anomaly detection model using Isolation Forest and Local Outlier Factor with 95% precision.
- Implemented feature engineering, scaling, and hyperparameter tuning in Python.

KSL Recognition System

- Developed a real-time sign-to-text translation model using OpenCV, MediaPipe, and LSTM.
- Applied deep learning for gesture recognition, enhancing accessibility for the hearing impaired.

PROFESSIONAL EXPERIENCE

SIGNVRSE LIMITED – Nairobi, Kenya

Data Science and Technology Intern, 2024 – Present

- Developed AI-powered sign language recognition tools using OpenCV, LSTM, and MediaPipe, enhancing accessibility.
- Built responsive web interfaces with React, Next.js, and Tailwind CSS and optimized RESTful APIs with Node.js.
- Researched and prototyped NLP/computer vision models, contributing to 3D avatar rendering.

LANGUAGES & SOFT SKILLS

Languages: English (Fluent), Kiswahili (Fluent)

Soft Skills: Analytical thinking, Communication, Problem-solving, Teamwork, Time Management