

REHEMA KEMUNTO NYANG'AU

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SUMMARY

Analytical and results-oriented graduate specializing in statistical analysis and reporting for customer insights. Proven ability to analyze complex data using Python, R, SPSS, STATA, Power BI and Tableau to interpret customer behavior and develop strategic recommendations for enhancing user experience and improving decision-making. Experienced in dashboard creation and workflow automation (n8n) to improve data consistency and reporting efficiency.

EDUCATION

Bachelor of Science in Mathematics (Statistics Major)

University of Nairobi | 2019-2024

CORE COMPETENCIES

- **Data Analysis Tools:** Python (Pandas, NumPy), SQL, R, Excel, Tableau, Power BI, SPSS, STATA, PSPP n8n (Workflow Automation).
- **Analytical Skills:** Forecasting, Trend Analysis, Reporting, Data Cleaning, EDA.
- **Customer Insight:** Cluster Analysis (Segmentation), Classification Modeling (Churn Prediction).
- **Soft Skills:** Analytical Thinking, Collaboration, Attention to Detail.

EXPERIENCE

Data Science and Analytics Intern - Future Interns | Nov 2025 - Present

- Conducted core business analysis on large datasets, translating business requirements into clear analytical objectives.
- Ensured data quality and consistency through rigorous cleaning and validation steps to support reliable decision-making.

MIS Analyst Intern - KultureHire | Oct 2025 - Present

- Analyzed performance data in Excel, focusing on data cleaning, model building, and identifying root causes of business issues.
- Produced visual charts and concise reports in Excel and Word documents for tracking service performance and reporting trends.

Data Analyst Mentee - School of Statisticians | Apr 2025 - Present

- Conducted Exploratory Data Analysis (EDA) and created summary reports using Excel, R, Python, Power BI, and Tableau.
- Translated data patterns and analytical findings into short, actionable insight reports for non-technical audiences.
- Created small workflow automations in n8n to reduce repetitive manual processing and ensure data consistency.

PROJECTS

1. Customer Retention Analysis (Python)

- Trained and compared classification models (Random Forest) to predict customer churn, a critical metric for service experience.
- Utilized feature importance metrics to identify key drivers of customer attrition for targeted retention strategies.

2. Customer Segmentation (Cluster Analysis in R)

- Applied clustering algorithms (K-Means) to segment health datasets.
- Interpreted segmentation patterns to provide statistical insights for targeted analysis and product strategy.

3. ETL Pipeline Automation for Data Reporting (n8n)

- Designed and deployed an automated workflow to process and summarize external data feeds.
- Reduced repetitive manual steps by 50%, saving time and ensuring data consistency for reliable reporting.