

# CURRICULUM VITAE

## PERSONAL INFORMATION

Jeremy Odede Nyende

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## EDUCATION AND QUALIFICATION

Meru University of Science & Technology

**Bachelor's in data science**

*Sept 2020 – Oct 2024*

## Core Competencies

- Data Science & Analytics: Predictive modeling, Artificial Intelligence, clustering, classification, simulations
- Programming: Python (pandas, NumPy, scikit-learn, Stats models), SQL, R
- Machine Learning: Linear regression, logistic regression, decision trees, random forests, ARIMA, Prophet
- Big Data & Cloud Platforms: AWS SageMaker, Google BigQuery, pySpark, Microsoft Azure, SAP4HANA
- Data Visualization: Tableau, Power BI, Matplotlib, Seaborn
- Other Skills: Feature engineering, EDA, statistical sampling, survey design, model deployment, Machine Learning, ETL processing & modelling

## Professional Experience

**Data Scientist -Tolaram East Africa Limited**

*Dec 2024 – Present*

- **Customer Segmentation:** Developed a clustering model for retail clients using K-Means, improving campaign targeting and also ensuring consistent route delivery of goods
- **Sales Forecasting:** Created a time-series forecasting model using ARIMA and Prophet
- **Fine-tuned backend** data models and optimized **SQL** queries to ensure seamless integration with ERP systems, improving data accuracy and system performance
- **MRP Forecasting: Supported** manufacturing team in estimating production capacity based on available raw materials, applying Material Requirements Planning (MRP) principles.
- Collaborated with SAP ERP team to ensure accurate inventory data and timely updates for production scheduling.
- **Resource Allocation Optimization:** Monitored raw material usage and generated daily production estimates to optimize resource allocation.
- Assisted in **reconciling production** data for reporting and decision-making.

**Data Analyst Intern – Jubilee Asset Management Limited (Jubilee Insurance)** *May 2024 – Dec 2024*

- Built Python-based data cleaning pipelines, improving financial dataset accuracy and consistency.
- Came up with different data models to provide quick solutions and improve departmental decision-making.

- Designed Power BI dashboards to track portfolio performance, enhancing decision-making speed.
- Performed exploratory data analysis to uncover investment opportunities and risk factors.

**Data Analyst Intern – Beacon of Hope**

*Apr 2022 – Sept 2022, Nairobi, Kenya*

- Conducted online data mining to collect relevant datasets for organizational projects.
- Performed data entry, cleaning, and sieving to ensure high data accuracy and integrity.
- Analyzed datasets using Excel (pivot tables, formulas, charts) and Power BI to create interactive dashboards and reports.
- Supported decision-making by generating insights from cleaned and processed data.

**REFEREES**

**Mrs. Regina Kamba**

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**Dr, Makau Mutua**

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