

## PROFESSIONAL RESUME

KEVIN OCHIENG

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NAIROBI- KENYA

## EXPERIENCE

JUNE 2023-PRESENT

### SENIOR DATA ANALYST- ANTARA HEALTH

My Responsibility being;

- Building data modeling pipelines using [DBT](#)
- Deploying and monitoring the DBT models
- Creating Data Completeness process flows on [Count.co](#)
- Building Interactive dashboard on Tableau
- Analyzing data using Python based on stakeholders project requirements
- Presenting the insights to stakeholders for feedback, iterations and injection into the company's decision making.

NOVEMBER 2022 – MAY 2023

### SENIOR DATA SCIENTIST- ADAPTA EARTH

My responsibilities being;

- Leading the technology efforts of the startup by laying down data structures and architectures for future big data use.
- Developing machine learning groundwork and coordinating the team towards data alignment for easier analysis and consumption by the management.
- Leading the Strathmore iLab team that is currently building ADAPTA climate and sustainability platform and reporting technical progress and updates to our CEO.
- Build a multiple linear regression machine learning model that is currently being used to make predictions on the ADAPTA CS.  
(<https://adaptacs.com/>)

JULY 2021 – OCTOBER 2022

**HEAD OF DATA SCIENCE & ANALYTICS-AFRICA 118 INC.**

My responsibilities being;

- Coordinating the team in developing Infomoby smart data online directory for generating business leads in Africa (<http://smart.infomoby.com/>).The team currently consists of; Data Scientists, Data Engineers, Software Developers and a product designer.
- Neo4j Data Architecture development design and implementation.
- Creating a live statistical dashboard using R shiny indicating Database Health Status processes.
- Coordinating the team in developing and deploying lead scoring algorithms. We have deployed a based model using a Logistic Regression Algorithm.
- Design and Analysis of Experiments in conjunction with field workers and customer feedback.
- Build a road map for data scaling and enrichment which has resulted in 65% database growth within a period of 7 months.
- Build a Data Cleansing Pipeline using python scripts.

MAY 2020 – JUNE 2021

**DATA SCIENTIST- INFOTRACE ANALYTICS**

My responsibilities being;

- Lead a team that built a credit scoring model white paper currently adopted by aKenyan Microfinance Bank.
- Customer retention rate and segmentation analysis for Lucy box Nigeria, Kevin, Tanzania,and Ugandan. This helped the company to increase their retention rate from 5% to 34%.
- Developed a real time dashboard predicting probability of churn for our clients. This Helps in identifying reasons for customer drop points.
- Building recommender models using both content based and collaborative filtering algorithms and deploy on our client's e-commerce websites.
- Developed a Natural Language Processing model using Neural Network for analyzing customer feedbacks on social media pages. This helped in Identifying the key issues affecting our client's customers and being able to respond to them swiftly hence adhering to Brand reputation principles.
- Build a fraud detection model for our clients which was able to detect a fraudulent transaction and flag it out for further review. By the time I was leaving, we had already deployed the model to two lending platforms.
- Ensuring data Compliance regulations are followed.

## **SKILLS**

- Creating Interactive dashboards using; R Shiny, Tableau and Power BI
- Project Management
- Building ETL pipelines
- Building and deploying Machine Learning Algorithms
- Research and Analysis of Experiments
- Web Scrapping and crawling using python
- Relational and Non-Relational Databases
- Microsoft Azure

## **EDUCATION**

### **BSC. STATISTICS AND COMPUTER SCIENCE, TECHNICAL UNIVERSITY OF MOMBASA**

Honors: Second class- Upper division

### **STATISTICAL BODY**

KENYA NATIONAL STATISTICAL SOCIETY (KNSS) - Member Number: KNSS 00228

### **HOBBIES**

- Conducting surveys
- Visiting the needy