

Elvis Koech

Nairobi, Kenya | +254703195099
elviskoech95@gmail.com

Summary

Experienced Data Professional with over 3.5 years of demonstrated success in delivering precise and insightful analyses across diverse business domains. Proficient in leveraging advanced tools such as Power BI and Tableau to design, maintain, and scrutinize sales dashboards, ensuring accuracy and relevance. Possesses a robust skill set in SQL and Python (Pandas, NumPy, Sklearn) for crafting machine learning models that effectively forecast sales and revenue trends. Well-versed in coding both supervised and unsupervised machine learning algorithms, and adept at executing essential components of the data science pipeline, including data cleaning, feature selection, cross-validation, and parameter tuning. Additionally, brings hands-on experience with GCP products such as Google BigQuery and Data Studio, as well as familiarity with Amazon Web Services (AWS).

[Portfolio](#) [LinkedIn Profile](#) [Github](#) [Visualization Portfolio](#)

Skills

Python, Excel, SQL, Data Science, Power BI, Tableau, Data studio, Google Analytics, R, Amazon Web Services, VBA, A/B Testing, CPA-1, GitHub, Power Automate

Experience

Burn Manufacturing, LLC | Kenya, Nairobi

Data Scientist | 04/2022 - Present

- Enabled the company to earn USD 600,000+ in carbon credits by contributing to carbon projects through data analysis and calculation of the emission reductions of our Jikokoa stoves.
- Increased accessibility and usability of customer data by redesigning data visualization techniques to include statistical graphs and informational graphics using Power BI.
- Produced reports on targets vs. achievements monthly and prepared monthly CCS RBF and SDG reports for Burn Manufacturing.
- Web scraped data from different social media platforms and performed sentiment analysis with the BERT large language model, resulting in an increase in the Burn Brand Experience and customer experience.
- Performed time series forecasting with XGBoost to predict carbon credit pricing, helping the company set carbon pricing benchmarks.
- Designed and implemented a Power App to streamline the collection of customer data within the customer experience domain. This initiative led to a notable enhancement in operational processes, increasing overall efficiency by 25%. In recognition of these achievements, I was honored as the Employee of the Month in October 2023.
- Established and implemented a comprehensive set of standard operating procedures within the department to enhance overall efficiency and streamline workflows, ensuring consistent and high-quality performance.

Kyosk Digital Services/ETG | Kenya, Nairobi

Logistics Analyst | 05/2020 - 03/2022

- Utilized Excel and Google Sheets to track analyze logistics operations leading to an increase in logistics performance by 25%.
- Created and maintained a data studio to visualize sales and logistics performance and engaged business partners on key performance metrics.
- Worked with the data engineering team to structure problems, identify appropriate data sources, extract data, and develop dashboards and reports using Power BI.
- Designed, developed, and deployed mobile dashboard applications for remote access of data insights and fast data-driven decision-making to improve performance.
- Presented report findings to the management.

GetCashCapital Microfinance | Kenya, Nairobi

Credit Analyst | 09/2019 - 02/2020

- Analyzed credit data and financial statements to determine the degree of risk involved in extending credit.
- Evaluated customer records and recommend payment plans based on earnings, savings data, payment history, and purchase activity.
- Completed loan applications, including credit analysis and summaries of the loan, request, and submit to loan committees for approvals.

National Hospital Insurance Fund | Kenya, Nairobi
Claims Intern | 07/2019 - 08/2019

- Processed insurance claims and documentation to the management for approvals.
- Analyzed claims frequency and submitted the report to the Actuarial officer.
- Assisted in following up with payment of insurance premiums.
- Trained underserved clients on different insurance products and their benefits.

Personal Projects

- Used Logistic Regression to develop Machine Learning Estimator to predict the likelihood of customer churn in a Bank - [Bank Churn Prediction App](#)
- Developed Text Analysis App to visualize unstructured data such as surveys, text using Python, Streamlit, and Natural Language Toolkit. The app can transform unstructured data into actionable insights which can be leveraged to improve customer experience - [Text Analysis App](#)
- Used Aws Sagemaker instance to develop Xgboost model to predict loan defaulter- [Deloitte Hackathon Challenge_predict Loan Defaulter](#)

Education

Africa Data School | Nairobi, Kenya
Data Science and Machine Learning | 05/2021

Jomo Kenyatta University of Agriculture and Technology | Nairobi, Kenya
Bsc Acturial Science and Statistics | 11/2019
Awarded Second Class honors

Kapsabet High School | Nairobi, Kenya
High School Diploma | 11/2013
Graduated with a Mean Grade of A

Referees

Jacques P. Khisa, Machine Learning Instructor Africa Data School jacques.khisa@africadataschool.com

+254791409994

John Ogeta, Logistic Supervisor, KyoskDigital Services johnogeta09@gmail.com

+254724994095

Timothy Pesi, Head of Data, GreenMindAi

+254712427928