

CURRICULUM VITAE

STEVE KYALO NZOMO

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Professional Summary

Certified Cisco Network Associate and Data Scientist Associate with a strong background in data analysis and IT support. Proficient in SQL, Python, and R for quantitative analysis, with experience in business intelligence tools such as Power BI. Excellent communicator and collaborator with a keen attention to detail.

Work Experience

IT Support Intern | Water Resources Authority | Mar 2022 - Mar 2023

- Spearheaded primary IT support, serving as the main point of contact for technical inquiries.
- Installed, configured, and maintained computer and network software and hardware components.
- Troubleshoot and resolved software and hardware problems, ensuring minimal downtime.
- Implemented antivirus and firewall software to enhance client and server system security.
- Utilized Excel to create reports and dashboards, offering valuable insights into data trends and patterns.
- Assisted in analyzing debtors around Nairobi, Excel functions for data extraction and manipulation.

Data Scientist Intern | Alfidotech | Sep 2023 - Oct 2023

- Engaged in data science projects involving comprehensive analysis of datasets using Python and R.
 - Developed machine learning models for survival predictions and classification of iris flower species.
 - Designed movie rating recommendation systems, demonstrating proficiency in data preprocessing and statistical analysis.
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Education

Bachelor of Science in Information Technology | Kabarak University | 2018-2021

- Proficient in Python, R, SQL, and Data Structures, with coursework in Network Security and Object-Oriented Programming.
- Relevant coursework in Business Management, Communication, and Entrepreneurship.

Certifications

- Cisco Certified Network Associate (CCNA)
- Datacamp Certified: Data Scientist Associate
- Introduction to Cybersecurity
- Power BI Virtual Case Experience Certificate of Completion

Skills

- Data Analysis: SQL, Python, R
- Business Intelligence: Power BI
- Statistical Analysis
- Data Visualization
- Communication
- Problem-solving
- Attention to Detail
- Team Collaboration

Projects

Building a Regression Model to Predict the Amount of Bacteria

- Developed a regression model using Python and R to predict the amount of bacteria in water samples.
- Analyzed various factors influencing bacterial growth and applied statistical techniques for model accuracy.

Movie Rating Recommendation Systems

- Designed and implemented a recommendation system using Python for predicting movie ratings based on user preferences.
- Utilized collaborative filtering techniques to provide personalized movie recommendations to users.

Customer Churn Trends at Telecom Service Provider Company

- Conducted a comprehensive analysis of customer churn trends using SQL and Python.
- Identified key factors contributing to customer attrition and proposed strategies to mitigate churn.

Titanic Survival Outcome

- Analyzed the Titanic dataset using statistical techniques and machine learning algorithms in Python.
- Built predictive models to determine the likelihood of survival for passengers based on various factors.

Iris Flower Classification

- Implemented classification algorithms in Python to classify iris flower species based on petal and sepal characteristics.
- Evaluated model performance and compared different classification techniques for accuracy.