

Evans Kiplangat

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Professional Summary

Dedicated Data Engineer, Web developer, Data Analyst, and Data Scientist with a strong foundation in Applied Statistics with Computing from Moi University. Proficient in designing and implementing data pipelines, statistical analysis, predictive modeling, and web development. Experienced in developing analytical solutions for various industries, including finance, manufacturing, and freelancing. Highly skilled in Python, R, SQL, Tableau, Power BI, Apache Kafka, and web technologies. Committed to leveraging data to drive business insights and innovative solutions.

Technical Skills

- Programming Languages: Python, R, SQL, JavaScript, HTML, CSS
- Data Engineering Tools: Apache Kafka, Apache Spark, MySQL
- Data Analysis & Visualization: R, Python (Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn), Tableau, Power BI
- Machine Learning: Predictive Modeling, Classification, Regression, Clustering
- Web Development: Django, Flask, HTML, CSS, JavaScript, React.js
- Others: Git, REDCap, ODK, ETL Processes, Financial Modeling
- Certifications: CPA Level 2 (Completed)

Professional Experience

Data Analyst & Developer - Amtech Technologies (July 2024 - Present)

- Designed and implemented data analysis solutions for customer insights, improving decision-making processes.
- Developed scalable data engineering pipelines using Apache Kafka and Apache Spark for real-time data processing.
- Created dashboards using Tableau and Power BI to visualize business metrics effectively.
- Built web applications using Django and Flask for analytical reporting.

Volunteer Data Analyst/Engineer - Buffalo Millers (January 2024 - June 2024)

- Built financial models to assist in budgeting, forecasting, and profitability analysis.
- Conducted data processing and analysis for production optimization and efficiency improvements.
- Developed automated ETL processes for improved data management and reporting.

Freelance Data Analyst & Developer - Various Projects (2022 - Present) ()

- Developed a web portfolio for a client showcasing their professional skills and projects.
- Conducted data analysis for Credable, focusing on loan data to enhance lending processes and risk assessment.
- Built predictive models for pneumonia disease detection, leveraging machine learning techniques.

Data Analyst (Industrial Attachment) - Bomet County Government (April 2022 – August 2022)

- Assisted in data collection, cleaning, and analysis for various county projects.
- Supported ICT department tasks, enhancing data management systems and processes.
- Prepared statistical reports to aid decision-making at departmental levels.

GitHub Projects

- Supermarket Dataset Analysis: Comprehensive data analysis on supermarket sales data using Python.
- Real-Time Stock Price Analysis Pipeline: Built a scalable data engineering pipeline integrating APIs, Apache Kafka, and Python.
- Real-Time Data Pipeline: Demonstrated real-time data ingestion, transformation using Apache Kafka and Spark, stored in MySQL.
- Employee Performance Analysis: Analyzed performance metrics using statistical modeling techniques.
- Predictive Model for Pneumonia Detection: Built a machine learning model to predict pneumonia from X-ray images.
- Web Development Projects: Portfolio website, Simple School Portal & Task Manager.

Education

Bachelor of Science in Applied Statistics with Computing – Moi University

Referees

- Jemima Mutai - [Data Analyst, Bomet county government]
- Phone: 0711 869748 |
- Email: ccjemimah@gmail.com
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- Charles Mutai - [lecturer Moi university]
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