

JOSEPH MUGARE

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Professional Summary

Highly analytical and results-driven Data Analyst with a robust foundation in statistical analysis, data manipulation, and visualization techniques. Proven track record of developing and implementing data-driven strategies that enhance operational efficiency and reduce costs. Adept at leveraging cutting-edge technologies and tools to deliver actionable insights that drive business success. Committed to continuous learning and professional growth through industry research, self-directed learning, and professional development.

Core Competencies

Data Analysis & Visualization: Advanced proficiency in Excel, Power BI, Tableau, Google Data Studio

Programming & Data Tools: Python (Pandas, NumPy, Matplotlib, Seaborn), R, SQL (MySQL, PostgreSQL), MongoDB

Cloud & Big Data Technologies: AWS, Docker, Kubernetes

Other Skills: Statistical Analysis, A/B Testing, Data Cleaning, Business Intelligence, Google Analytics, Predictive Modeling

Professional Experience

Data Analyst, Colgate-Palmolive, Nairobi
January 2023 – Present

Conducted comprehensive data analysis to optimize supply chain operations, achieving a 12% reduction in operational costs.

Designed and implemented interactive dashboards and automated reports for key stakeholders, enhancing decision-making efficiency.

Developed ETL pipelines to streamline data extraction, transformation, and loading, reducing manual processing time by 30%.

Collaborated with cross-functional teams to identify key performance indicators (KPIs) and establish data governance best practices.

Data Analyst, Biohazard Waste Solutions, Nairobi
June 2020 – December 2022

Led a customer segmentation initiative that identified high-value customer segments, resulting in an 18% increase in customer retention.

Created predictive models to anticipate service demand, enabling proactive resource allocation and cost optimization.

Regularly presented detailed analytical reports to senior management, facilitating data-driven strategic decisions.

Network Administrator, Dimension Data, Nairobi
July 2013 – December 2020

Ensured network integrity by implementing advanced cybersecurity protocols, mitigating risks of data breaches and unauthorized access.

NOC Support, Liquid Telecom, Nairobi
February 2010 – April 2013

Monitored network performance using industry-standard tools such as SolarWinds, Nagios, and Wireshark.

Diagnosed and resolved network issues promptly, minimizing downtime and ensuring service reliability.

Documented network configurations and procedures, contributing to knowledge management and compliance.

Education

Bachelor of Information Technology, KCA University, Nairobi
January 2009 – December 2011

Certifications

CCNA, Zetech (February 2023 – June 2023)

Python Data Science, edX Harvard (January 2023 – June 2023)

MySQL, edX Stanford (February 2023 – June 2023)

Professional Certifications

AWS Solution Architect, AWS

Python Data Science, IBM

Scala, IBM

Docker and Kubernetes, IBM

Data Visualization, IBM

Google Analytics, Google

Key Projects

Supply Chain Optimization Dashboard

Designed a Power BI dashboard to visualize key supply chain metrics for Colgate-Palmolive, contributing to a 12% cost reduction.

Customer Segmentation Model

Developed a machine learning model to segment customers by value for Biohazard Waste Solutions, leading to an 18% increase in retention.

Professional Development

Active participant in industry webinars, workshops, and conferences focusing on data science and analytics.

Regularly engage in self-directed learning through platforms such as Coursera, edX, and LinkedIn Learning.