

KEMBOI K. DAVID

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[LinkedIn Profile](#), [Portfolio- Website](#)

Data Analyst

Highly analytical and results-driven Data Analyst with 3+ years of experience in collecting, cleaning, analyzing, interpreting, and visualizing complex datasets to drive strategic business decision-making. Expertise in statistical analysis, predictive modeling, data mining, and business intelligence reporting. Proven track record in leveraging data to generate actionable insights for performance optimization, quality assessment, and pipeline tracking. Skilled in maintaining data integrity across multiple platforms and implementing ETL processes. Seeking to apply strong analytical capabilities, statistical methods, and structured thinking to contribute to data-driven organizational success.

WORK EXPERIENCE

AMREF KENYA

County: Turkana,

From 13/11/2024 - 12/05/2025

DATA ANALYST

- Delivered actionable insights through comprehensive analysis of health-related data, improving data-driven decision-making by 20%.
- Enhanced data integrity and reliability by implementing rigorous data quality assurance processes, advanced cleaning techniques, and validation checks, achieving a 98% data accuracy rate and reducing data errors by 30%.
- Designed and maintained interactive dashboards using Power BI, improving stakeholder understanding and engagement
- Collaborated with cross-functional teams, including healthcare professionals and policymakers, to increase the adoption of evidence-based strategies by 15%.
- Developed efficient ETL pipelines, reducing data processing time by 50% and ensuring timely data availability for analysis.
- Provided technical support and training to staff, improving data proficiency across teams by 35%.

CONSULTANT

County: Nakuru,

From 01/09/2021 – 10/11/2024

DATA ANALYST

- Automated data-related processes, enhancing efficiency and reducing manual workload by 40%.
- Ensured data availability and accuracy by cleaning and transforming datasets, improving data consistency by 65%.
- Created clear and insightful data visualizations using Tableau and Power BI, enabling stakeholders to make proactive decisions.
- Ensured required data for reporting was available in a format easily consumed by analytics tools, overseeing data accuracy and integrity for actionable insights.

- Developed and presented clear and insightful visual representations of complex data, enabling stakeholders to grasp information easily and make informed business decisions
- Utilized SQL, Pandas, and NumPy for comprehensive data manipulation and statistical analysis
- Created comprehensive data reports to support business decisions and provide actionable insights for various client needs

MURANG'A COUNTY HEALTH (Attachment)

County: Murang'a

From: 05/2019 - 04/2020

Data Analyst

- Ensured 90% data accuracy and integrity through meticulous data extraction and cleaning techniques.
- Developed and maintained business intelligence documentation, training materials, and data toolkits.
- Derived meaningful insights from large datasets, aiding hospital administrators in strategic decision-making.
- Maintained consistency and accuracy of hospital metrics through rigorous data management practices.

EDUCATION

Certificate in Data Analysis

Turing College - Lithuania

Grade: Distinction

Year: 01/2024 - 12/2024

Bachelor In Business Information Technology

Mount Kenya University – Thika, Kenya

Grade: Second Class upper Division

Year: 01/2020 - 08/2024

Diploma in Business Information Technology

Mount Kenya University – Thika, Kenya

Grade: Credit

Year: 01/2018 - 01/2019

SKILLS

Technical skills & Tools

- Data Cleaning: Pandas, Numpy, Excel, MySQL
- Data modeling: Machine learning Algorithms
- Data Visualization: Tableau, Power BI, Excel, Python
- CRM & Data Management: Data Accuracy & Integrity, Data Validation, Data Transformation, ETL Processes, Data Merging , Database Management, CRM Data Reporting .
- Databases: MySQL, PostgreSQL, SQL Server, Google Big Query, AWS Aurora
- Languages: Python, HTML, PHP, Java script
- Version Control: Git
- ETL/Data Pipelines: Glue, AWS Data Pipeline, Airbyte
- Cloud Computing: AWS

Soft Skills

- Analytical Thinking, Problem Solving, Critical Thinking, Excellent Communication, Cross-functional Collaboration, Teamwork, Attention to Detail, Organized, Adaptability, Honest, Team Management
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CERTIFICATIONS

- SQL for Data Analysis - [LinkedIn Certification](#) , [365datascience Certification](#)
 - Data Analytics – [LinkedIn Certification](#),
 - Python Programmer Bootcamp – [Certification](#), [365Datascience](#),
 - Data Visualization – [Certification](#)
 - AWS Certified Cloud Practitioner - [Certificate](#)
 - SQL + Tableau + Python - [Certification](#)
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PROJECTS

- Machine learning Algorithm – [Linear Regression](#)
- Health Centre Analysis - [Analysis - Pandas, Numpy](#)
- Visualization – [Call Centre Dashboard](#), [Human resource Dashboard- PowerBi](#)
- Data Cleaning – [FIFA 21 Dataset – Data cleaning](#)
- Customer Analysis - [Danny restaurant - MSQl](#)