

Benard Ndiritu

Data Scientist | Data Analyst

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Professional Summary

Results-driven Data Scientist and Analyst with over 6 years of experience transforming raw data into actionable insights. Adept at building data pipelines, statistical models, and dashboards using Python, SQL, and leading BI tools. Proven ability to support business decisions through clean, visual, and interpretable data. Skilled in end-to-end solutions — from ETL to visualization.

Core Competencies

- Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn)
- SQL, MySQL, Excel
- Power BI, Tableau
- Django, Flask (for data-driven web apps)
- Data Cleaning & Transformation
- Statistical Analysis & Hypothesis Testing
- Machine Learning (Regression, Classification)
- A/B Testing & Predictive Modeling
- Project Management & Agile Practices

Professional Experience

- Data Analyst & Python Developer

DevTech solutions – Remote | Jan 2022 – Dec 2023

- Designed and automated ETL pipelines using Python and SQL for real-time business intelligence.
- Built interactive dashboards in Power BI and Tableau to visualize KPIs for internal stakeholders.
- Integrated machine learning models into Flask-based APIs to serve predictions on user

behavior.

- Reduced manual reporting time by 30% through process automation with Python scripts.

- Junior Data Analyst

Mathais (as a data analyst) – Nairobi Kenya | Jun 2019 – Dec 2021

- Analyzed large transactional datasets (500K+ records) to identify sales trends and customer churn.
- Cleaned and transformed raw data using Pandas and Excel; automated repetitive tasks.
- Developed dashboards in Tableau to support marketing and finance departments.
- Optimized SQL queries, reducing report generation time by 40%.

Worked as an intern at Safaricom for 6 months January 2018 – July 2018

Worked as an intern at Equity Bank for 6 months September 2018 -March 2019

Education

B.Sc. in Mathematics & Computer Science

Jomo Kenyatta University of Agriculture and Technology, Nairobi – Kenya

Graduated: 02/12/2017

Certifications

- Google Data Analytics Professional Certificate.
- IBM Data Science Professional Certificate
- Machine Learning – supervised and unsupervised learning at KNCMAP

Key Projects

- Sales Forecasting with Machine Learning
 - Built a regression model using Python (Scikit-learn) to predict monthly sales from historical data.
 - Achieved 92% accuracy and deployed model via a Flask API.
- Customer Segmentation Dashboard
 - Applied K-Means clustering to segment customers.
 - Built a dynamic Tableau dashboard to visualize segment behavior by demographics.

Additional Information

Languages: Fluent in English and Kiswahili

Tools: Git, Jupyter, VS Code, Google Colab