Nyerere,Julius Nyambok

Machine Learning Engineer

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SKILLS

Programming:	Python, SQL, JavaScript
Frameworks:	Cross Industry Standard for Data Mining (CRISP-DM), Scikit-learn, TensorFlow
Visualization:	Power BI, Tableau, Microsoft Excel
Versioning and CI/CD:	Azure DevOps, GitHub Actions, GitLab CI/CD, Git
Orchestration:	Azure Data Factory, Mage
Model Training/Serving:	FastAPI, Azure ML
Model and Data Registry:	ML Flow, DVC
Cloud Computing:	Azure, AWS
Infrastructure-as-code:	Terraform
Other skills:	Data Cleaning and Transformation, Data Quality Assurance, User-Centric Data Visualization,Data Analysis for Decision-Making,Cross-Functional Collaboration

TECHNICAL EXPERIENCE

SERVICE DESK ANALYST   March 2023 - Present
Kenya Commercial Bank Group (KCB)   *Nairobi, Kenya*

- Engaged stakeholders in gathering project user requirements, documented user needs and performed data checks on project management data of over 11,000 employees.
- Enhanced operational efficiency by creating interactive dashboards using Power BI to track project progress, leading to a 50% increase in reporting efficiency.
- Spearheaded the re-engineering of standard operating procedures using tools such as Python, SQL and Microsoft Power Automate that led to the improvement of 4 key functional areas
- Successfully collaborated with cross-functional teams to refine standard operating procedures using Python, SQL, and Microsoft Power Automate, resulting in improvements across 4 key functional areas.

GRADUATE DATA ANALYST   August 2022 - January 2023
Tropical Heat Group   *Red-Hill, Kiambu*

- Developed and maintained sales dashboards using Microsoft Excel that improved reporting of 20 million KSH worth of sales with 97% on-time delivery.
- Supported the sales field team in providing technical assistance and front-line support to the 30+ agents across the country.
- Championed collaboration across departments by defining goals, metrics, and success criteria, contributing to a 20% upturn in sales in 2022.

DATA ANNOTATOR/ ANALYST   April 2021 - August 2022
Cloudfactory Kenya   *Remote, Worldwide*

- Collected, cleaned and analyzed large datasets for clients such as Ibotta to determine customer preferences based on various experiments and identified anomalies in product purchases..
- Demonstrated strong data management skills by sorting and preparing over 1,000 documents, bills, and receipts for data entry, resulting in a top 50 ranking on the Cloudfactory agent leaderboard for 2021.

EDUCATION

Bachelor Of Science In Informatics And Computer Science(Second Class Upper Honors)   Strathmore University

ACHIEVEMENTS AND OTHER WORKS

Certifications include **Google Data Analytics certificate** and **IBM Data Scientist certificate**
Intermediate Data Mentor at **Everything Data** - mentoring young inquisitive data enthusiasts
Currently pursuing **Terraform Associate** and **AWS Certified Machine Learning Engineer - Associate** certifications
Data Science article writer for **TowardsAI** and **Dev Genius** publications on Medium.com