Nyerere,Julius Nyambok

Machine Learning Engineer

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SKILLS

Programming:	Python, SQL ,R ,JavaScript
Frameworks:	Cross Industry Standard for Data Mining (CRISP-DM), PyTorch, Scikit-learn, TensorFlow
Visualization:	Power BI, Tableau, Microsoft Excel
Versioning and CI/CD:	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

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.
- Created,designed and maintained interactive dashboards using Power BI to enable various cross functional teams track projects and experiments progress which led 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
- Analysed call resolution data to identify bottlenecks and provided data-driven insights utilized in the Service Delivery Department.

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.
- Engaged cross-functional teams across the organization by clearly defining goals, metrics and success criteria leading to 20% upturn in sales in the year ending 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..
- Sorted and prepared over 1000 documents, bills, and receipts for data entry. Achievements included being ranked in the top 50 agents in the Cloudfactory agent leaderboard for the whole year of 2021.

EDUCATION

Bachelor of Informatics and Computer Science (Second Class Upper Honors) majoring in Data Science, *Strathmore University*
2019-2022

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 a certification in **Microsoft Azure Data Scientist Associate** certification
Data Science article writer for **TowardsAI** and **Dev Genius** publications on Medium.com