Nyerere,Julius Nyambok

Data Analyst

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Portfolio: julius-nyerere.dev
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Skills

Programming:	Python, SQL ,R ,JavaScript
Visualization:	Power BI, Tableau, Microsoft Excel
Frameworks:	Cross Industry Standard for Data Mining and Machine Learning (CRISP-DM), PyTorch, Scikit-learn, Tensor-Flow
Versioning and CI/CD:	GitHub Actions, GitLab CI/CD, Git
Cloud Computing:	Azure, AWS
Personal Skills:	Strong critical thinking, analytical skills, Attention to detail and accuracy, Collaboration and teamwork and Excellent communication and presentation skills, Familiar with data governance principles and data privacy regulations i.e **Data Protection Act. 2019**

Technical Experience

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

- **Data Quality and Integrity**: Performed data checks on project management data for over 11,000 employees, ensuring data accuracy and consistency.
- **Data Analysis & Insights**: Designed and maintained interactive dashboards using Power BI to track project progress and experiments, resulting in a 50% increase in reporting efficiency. Analyzed call resolution data to identify bottlenecks and provide data-driven insights for service improvement, demonstrating strong analytical and problem-solving skills
- **Data Modelling**: Collaborated with the Instana Data Engineering team to design and implement a scalable and reliable data model. This model served as the foundation for creating interactive dashboards that provided valuable insight into system performance, user behavior, and application health.
- **Continuous Learning & Improvement**: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

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

- **Data Visualization & Reporting**: Developed and maintained sales dashboards in Microsoft Excel, improving reporting accuracy for 20 million KSH worth of sales with 97% on-time delivery. Conducted in-depth sales data analysis to identify trends and support business decisions.
- Ensured daily, weekly, monthly, and quarterly reviews and supported internal business partners on decisions around appropriate corrective actions
- **Data Collection**: Supported the sales field team by providing technical assistance and front-line support to 30+ agents throughout the country.
- **Collaboration & Stakeholder Engagement**: Engaged cross-functional teams to define goals, metrics and success criteria, contributing to a 20% increase in sales in 2022.

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

- **Data Analysis and Quality**:Leveraged large complex datasets for clients such as Ibotta to determine customer preferences based on various experiments and identified anomalies in product purchases which drove business results.
- **Data Preparation**: Sorted and prepared over 1000 documents, bills, and receipts for data entry. Achievements included being ranked among the top 50 agents in 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 a certification in **Microsoft Azure Data Scientist Associate** certification
Data Science article writer for **TowardsAI** and **Dev Genius** publications on Medium.com