JANICE MOKOBI OGANGO

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SUMMARY

- Results-driven junior data scientist with a Bachelor of Science (Major in Applied Mathematics) from the University of Nairobi, graduating with Second Class Honors Upper Division.
- Advanced skills in data preparation, statistical analysis, and machine learning.
- Committed to leveraging data science skills to address global challenges and drive meaningful change.
- Passionate about contributing to UN Sustainable Development Goals (SDGs) including: Quality Education, Decent Work and Economic Growth, and Climate Action

EDUCATION

University of Nairobi – Nairobi, Kenya
Bachelor of Science (Major in Applied Mathematics Applied Mathematics)
Graduated with Second Class Honors, Upper Division

CERTIFICATION

Explore AI Data Science course

- **Data Preparation and Modeling**: Excel, SQL (MySQL)
- **Programming Languages & Tools**: Python, R, SQL (MySQL), Power BI
- **Machine Learning**: Regression, NLP, Classification, Clustering, Recommender Systems
- **Data Preparation**: Excel, Data Manipulation
- **Cloud Computing**: AWS Foundations

WORK EXPERIENCE

Sales Person, Self- Employed   **February 2022 - Present**

- Created and maintained a large client base by meeting needs and providing exceptional customer service.
- Advertised to the general public via networking, social media, presentations, and events to maximize exposure.
- Organize weekly sales reports to track product success.

VOLUNTEER ACTIVITIES

Mentoring Program Coordinator - International Polyglot Youth Project   **September 2021 - Present**
- Organizing the mentoring program
- Produced language textbooks using Google Suite applications
- Managing a group of mentors and mentees resulting in over 500+ people worldwide learning a new language.

Ambassador, Fancied Story Network   **August 2022 - Present**
- Actively coordinating with a team of 30+ ambassadors to raise awareness and on mental health and suicide prevention in over 10+ primary and secondary schools.
- Website and social media design.

PROJECTS

Quantum Virtual Experience Program on Forage
- Analyzed customer transaction data to identify purchasing behaviors and segment customers. Designed and conducted A/B testing to evaluate the impact of store layouts on sales. Utilized Python and data visualization techniques to present findings and generate recommendations.

British Airways Customer Insights & Predictive Modeling on Forage

- Utilized web scraping techniques to gather customer review data from third-party sources relevant to British Airways. Analyzed the collected data to identify customer trends and insights, potentially uncovering areas for improvement in service or operations.
- Prepared and analyzed customer data to build a predictive model that could identify factors influencing customer buying behavior for British Airways flights and holidays, potentially aiding in targeted marketing strategies to acquire new customers.
- Presented findings from both tasks using PowerPoint, effectively communicating insights to stakeholders.

Accenture Virtual Experience Program on Forage
- Analyzed client project briefs to understand their business problems, identify requirements, and prioritize tasks.
- Identified relevant datasets, cleaned them, and merged them for effective analysis.
- Modeled data to uncover valuable insights and answer the client's business questions.
- Selected appropriate data visualizations to effectively communicate findings in presentations.
- Developed clear and concise presentations using Microsoft Power BI to communicate data insights to clients and internal teams.

SKILLS

Machine Learning (Regression, NLP, Classification, Clustering)	Python, R	AWS foundations
Data preparation and manipulation	SQL (MySQL)	Power BI

INTERESTS

Volunteering and community involvement	Data analysis	Reading