GEORGE ODUOR

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Passionate Data Analyst committed to facilitating data-driven decision-making. Proficient in utilizing data analysis tools like Python, R, MS Excel, and ODK Collect for data collection. Skilled in gathering, analyzing, and conveying insights. Enthusiastic about harnessing data for positive social impact and contributing to data-driven choices at RCK.

KEY SKILLS

- ✓ **Data Analysis** : Python, R, SQL, MySQL, PostgreSQL
- ✓ **Data Visualization** : Power BI
- ✓ **Statistical Modeling** : Machine Learning, Regression, Clustering, Descriptive Analysis
- ✓ **Data Collection Tools :** ODK Collect
- ✓ **Report Generation** : MS Excel, MS PowerPoint
- ✓ **Team Collaboration** : Cross-functional teamwork, leadership

EXPERIENCE

2019 AUG TO PRESENT

DATA ANALYST

MAISHA MICROFINANCE BANK, NAIROBI, KENYA

- ✓ Led data analysis projects, optimizing debt collection process, resulting in a 35% efficiency boost.
- ✓ Developed predictive models using Python and machine learning algorithms (Logistic Regression), reducing digital lending loss rates by 20%.
- ✓ Designed automated reporting solutions, ensuring timely and 100% accurate management reports.
- ✓ Collaborated with cross-functional teams, managing projects and stakeholders effectively.
- ✓ Utilized Python and R for in-depth data analysis, leveraging statistical modeling techniques.

2017 NOV – 2019 AUG

ICT TUTOR

RURALNET ICT ACADEMY, SIAYA, KENYA

- ✓ Successfully trained students in statistical packages including R, Python, and Advanced Excel, equipping them with essential data analysis skills.
- ✓ Introduced and delivered statistical data analysis services to research students, resulting in a substantial improvement in institution revenue.
- ✓ Designed and implemented an efficient student information management and tracking system database, enhancing office efficiency and streamlining administrative processes.

2019 MAR – 2019 MAR

RESEARCH ASSISTANT - TEMPORARY

CARE KENYA, SIAYA, KENYA
- ✓ Conducted comprehensive end-term evaluation survey for the NAWIRI project.
- ✓ Skillfully employed data collection techniques, including the use of ODK Collect, to gather high-quality and precise data from the field.
- ✓ Attentively listened to responses and skillfully probed for explanations, ensuring data accuracy within specified timeframes.

EDUCATION

2012 SEP TO 2017 JUN
BSC STATISTICS AND PROGRAMMING
KENYATTA UNIVERSITY, NAIROBI , KENYA

- ✓ Specialized in Applied Statistics and Statistical Programming.

2017 JAN – 2017 MAR
CERTIFICATE IN LEADERSHIP DEVELOPEMENT
KENYATTA UNIVERSITY, NAIROBI KENYA, KENYA

- ✓ Developed fundamental leadership, organizational, and interpersonal skills.

Other relevant certifications
- ✓ *Intermediate Data Science Level 2* | Predictive Analytics Lab (Nairobi) | 2021
- ✓ *Introduction to SQL & Relational Databases* | Cognitive Class, IBM | 2020
- ✓ *Monitoring & Evaluation Fundamentals* | Global Health eLearning Center | 2018
- ✓ *Monitoring & Evaluation Data Quality* | Global Health eLearning Center | 2018
- ✓ *Data Use for Program Managers* | Global Health eLearning Center | 2018

SELECTED DATA ANALYSIS PROJECTS
- ✓ **Customer churn prediction**: developed a machine learning model using logistic regression, decision trees, support vector machines, and random forests to predict customer churn for a financial institution. Achieved 85% accuracy and identified key features influencing churn.
- ✓ **Customer segmentation**: Created a machine learning model using k-means clustering to segment customers for deposit mobilization in a microfinance bank. Provided insights for tailored deposit mobilization efforts, resulting in a significant 30% increase in deposits.
- ✓ **Debt collector dashboard**: developed a shiny dashboard for debt collectors, enabling them to monitor collections performance and prioritize efforts. Achieved a 35% improvement in collections efficiency.

HOBIES
- ➤ Volunteering, Reading, and practicing DIY projects in data science

LANGUAGES
- ➤ English – fluent
- ➤ Swahili - fluent

REFEREES

1. **Name**   : **Mr. Stephen Robia (Supervisor)**
   Company : Maisha Microfinance Bank
   Position   : ICT Manager
   Mobile No : 254715618090
   Email   : stephen.robia@maishabank.com

2. **Name**   : **Mr. Eric Mshila**
   Company : Maisha Microfinance Senior
   Position   : ICT Officer
   Mobile No: 254719742768
   Email   : eric.mshila@maishabank.com

3. **Name**   : **Douglas Omagua**
   Company : Maisha Microfinance Senior
   Position   : Bank Assurance Manager
   Mobile No: 254728351161
   Email   : douglas.omagua@maishabank.com

SALARY EXPECTATION

In terms of salary expectation, I am aiming for a figure of Ksh 175,000 , while remaining open to revising this in consideration to the organization's budget and compensation structure.