Martin Muti

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❖Github:https://github.com/martinkilombe

WORK EXPERIENCE

Cloud Intelligence   **Jun. 2023 - Present**
Backend Software Engineer   *South Africa (Remote)*
- Developed and maintained back-end features for web applications using Python and Django, leading to a 25% improvement in application responsiveness and stability.
- Contributed to API design and development, increasing API call efficiency by 15% and supporting seamless data communication between systems.
- Wrote and optimized over 100 unit and integration tests to ensure robust back-end operations, reducing system bugs by 40%.
- Streamlined data storage and retrieval processes in PostgreSQL databases, reducing query execution times by 30% and improving data processing efficiency.

Lead Data Analyst   *South Africa (Remote)*
- Utilized SQL to optimize data querying processes, achieving a 30% reduction in data retrieval times and supporting timely insights for decision-making.
- Spearheaded data quality initiatives that reduced data errors by 20% across key databases, enhancing the accuracy of data-driven insights.
- Designed and developed over 30 comprehensive data visualization tools and presentations annually, illustrating complex analytical findings and enhancing stakeholder understanding by 40%.
- Developed and implemented a comprehensive data quality dashboard that monitored over 100 data quality metrics in real-time, improving data health visibility by 100%.

Crunch Garage   **Jan. 2022 - May 2023**
Data Analyst   *Nairobi, Kenya*
- Delivered data visualization presentations to communicate complex findings to non-technical stakeholders, facilitating data-driven decision-making.
- Automated reporting processes using Python and SQL, reducing report generation time by 50% and improving data accessibility.
- Collaborated with the marketing team to track metrics and identify key performance indicators (KPIs) using interactive dashboards, improving campaign targeting efficiency
- Implemented data quality monitoring initiatives, reducing data errors by 20% and improving overall data accuracy.

Trident Insurance Ltd   **Dec. 2020 - Sep. 2021**
Business Intelligence Analyst   *Nairobi, Kenya*
- Conducted in-depth market research and competitive analysis to identify market trends, customer preferences, and potential opportunities, providing valuable insights for strategic planning and business growth.
- Developed and maintained data models and data cubes to support ad-hoc analysis and data mining, enabling efficient and accurate data retrieval for business users.
- Conducted data profiling and data quality assessments to ensure data accuracy and consistency, leading to improved data integrity and reliability for decision-making processes.
- Developing processes for improved data analysis and reporting.

EDUCATION

Jomo Kenyatta University Of Agriculture And Technology June. 2021 - Dec. 2023
Msc. Finance And Accounting *Nairobi, Kenya*

Jomo Kenyatta University Of Agriculture And Technology Aug. 2015 - Nov. 2019
Bachelor of Science in Actuarial Science *Nairobi, Kenya*
- Second Class- Upper Division

SKILLS

- **Skills : PYTHON|DJA|SQL| TABLEAU| POWER BI| METABASE |**
- **Technical Proficiency**

  Advanced Data Analysis & Programming: Proficient in Python for complex data manipulation, analysis, and automation tasks. Utilize advanced data structures, algorithms, and libraries (Pandas, NumPy, Scikit-learn) to solve challenging problems.

  Data Visualization & Business Intelligence: Skilled in creating impactful, interactive dashboards and reports using Tableau and Power BI, turning complex datasets into actionable insights. Experience in Metabase for quick and effective data visualization solutions.

  Database Management & Optimization: Expert in SQL for designing, querying, and optimizing databases. Capable of creating complex queries, stored procedures, and optimizing database performance to support large-scale data operations in Postgres and MsSQL.