

Mahlori Baloyi

Data Scientist

Contact Information:

- Profile: <https://mahlori-baloyi.github.io/>
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Professional Overview:

Dedicated and enthusiastic male university graduate with a solid 2-year foundation in Data Science. I am passionate about unraveling intricate datasets, extracting meaningful patterns and insights, and translating them into influential factors for data-driven decisions. Proficient in statistical modeling, machine learning, and data visualization tools. Demonstrates a proven ability to communicate insights effectively to stakeholders. Committed to staying abreast of emerging technologies, reflecting a proactive approach to recommending and implementing tools for enhanced efficiency. Driven by the continuous pursuit of knowledge and excellence.

Education:

- ❖ National Certificate in Information Technology (System Development)
 - Umuzi Academy, Feb 2021 - Feb 2023
- ❖ BSc Physical Science (Physics and Applied Mathematics)
 - University of Johannesburg, Jan 2017 - Dec 2019
- ❖ National Senior Certificate
 - Nkwangulatilo Education Centre, Jan 2008 - Dec 2012

Experience:

Data Science, Telkom (Feb 2021 - Feb 2023)

- Leveraged Python for data analysis and visualization, extracting meaningful insights from customer behavior data.
- Applied SQL for database manipulation, collaborating with cross-functional teams to troubleshoot technical issues.
- Updated insights reports using Power BI, ensuring accurate information for data-driven decision-making.
- Developed a CRUD application for mobile deals, enhancing data management efficiency.
- Contributed to system reliability improvements through rigorous testing and bug identification.

Mboweni Accountants (Mar 2023 – Feb 2024)

- ❖ Spearheaded a transformative initiative to enhance financial data management and analysis processes.
- ❖ Developed and implemented a tailored CRUD application, eliminating the manual copying of financial statements.
 - Enabled swift importing of financial data, reducing processing time from weeks to minutes.
 - Automated code assignment based on financial types, enhancing accuracy and simplifying analysis.
 - Drastically improved efficiency in financial reporting procedures, resulting in substantial timesaving.
 - Significantly reduced the likelihood of human errors associated with manual data entry in financial records.
- ❖ Troubleshoot technical issues and ensure system reliability.

Projects:

Revenue Optimization Project (Woke conversations).

- Collaborated with a friend to increase revenue for their business.
- Analyzed relevant data to identify features influencing revenue.
- Developed a predictive model to forecast revenue and recommended strategies for improvement.

Skills:

- Programming Languages: Python
- SQL (MySQL, Postgres)
- Database Management
- Git
- Statistical Analysis
- Decision making
- Data Visualization
- Attention to Detail
- Problem-solving and Analysis
- Drive for Results
- Teamwork
- Machine Learning