

Victor Mandere Mose

+254707343204 || vicmose.v@gmail.com || [linkedin.com/in/victor-mose](https://www.linkedin.com/in/victor-mose) || github.com/vmose

SUMMARY

Analytics specialist trained in Management Consulting. 4 years experience with 20+ projects completed of varying degrees of complexity and scope in analytics-engineering, data-visualisation and machine-learning. Knowledgeable in operational frameworks related to data such as DBT, Airflow and BigQuery. Certified Mobile Developer and Business Intelligence enthusiast.

SKILLS

Programming: Python, SQL, Javascript, CSS3, HTML5, Bash

Tools: PostgreSQL, MySQL, Flask, DBT, Audit Command Language (ACL), Excel

Statistical Packages: SPSS, R

Dashboards/Visuals: Looker Studio, Microsoft PowerBI, Tableau, D3.js, Matplotlib, Seaborn

AI/ML: Linear & Logistic regression, Decision Trees & Random Forest, SVM, PCA, NLP, Recommender Systems, K-Means Clustering and K-Nearest Neighbour

GCP: BigQuery, Cloud Dataflow, Compute Engine (GCE)

Version Control: Proficient in Git & Airflow for efficient code collaboration and management.

Languages: English (Fluent), Kiswahili (Native), French (Conversational)

WORK EXPERIENCE

DAVIS & SHIRTLIFF

Nairobi, Kenya

Specialist, Analytics & Data Science

Nov 2022- Present

- **Project Execution:** Led the development and implementation of advanced data analytics solutions, resulting in a 25% increase in operational efficiency.
- **Programming:** Utilized, Python, SQL, JavaScript and R for data manipulation, analysis, and modeling, contributing to a 10% improvement in data accuracy ensuring QA & CI/CD best practices.
- **Data Modeling:** Collaborated with Sales Engineers & Inventory Management to design and deploy predictive models that improved sales projections & supply chain optimization by 15%.
- **Machine Learning:** Constructed and implemented custom machine-learning algorithms using Python and TensorFlow, achieving up to 90% accuracy on classification tasks using cross-validation, grid search, and other techniques to optimise model performance.
- **Statistical Testing:** Conducted A/B testing and statistical analysis to optimize marketing campaigns, contributing to a 20% increase in ROI.
- **BI Development:** Built and maintained 150+ interactive data visualisations and business intelligence dashboards using Tableau, Looker, D3.js, Plotly and PowerBI, providing real-time insights to stakeholders and executives.
- **Training & Mentoring:** Mentored and trained junior data scientists and analysts, fostering a collaborative and innovative team environment.
- **Reporting/Presentation:** Presented findings and recommendations to senior executives, contributing to a 12% increase in revenue through data-driven decision-making.
- **Cloud Products:** Utilized Google Cloud Platform (GCP) services, including BigQuery, Cloud Dataflow and Compute Engine, to build and deploy scalable data processing pipelines, reducing data processing times by 40%.

GRANDE AFRIQUE CONSULTING

Nairobi, Kenya

Data Analytics Consultant

Nov 2020- Nov 2022

- **Analysis:** Analyzed complex data sets to identify trends and patterns, leading to the discovery of new market opportunities worth KES 3M annually.
- **Data Visualization:** Developed and maintained interactive dashboards and reports using Tableau and Power BI, enhancing data visibility and decision-making processes.
- **Data Wrangling:** Implemented data cleaning and preprocessing procedures that reduced data errors by 30%, ensuring high data quality and reliability.
- **Stakeholder Support:** Partnered with business stakeholders to define data requirements and deliver customized analytics solutions that aligned with business goals.
- **Data Migration:** Spearheaded the transition to a cloud-based data warehouse, resulting in a 40% reduction in data retrieval times.

- **Proposal Documentation:** Created complete and effective Project Proposal documents for prospecting stakeholders using the industry standard 6-step process.

KENYA FILM COMMISSION

Junior Financial Analyst

Nairobi, Kenya
May 2019 - Aug 2019

- **Data Analysis:** Supported senior analysts in collecting, analyzing, and interpreting large datasets, contributing to a 10% increase in project efficiency.
- **SQL Development:** Developed basic SQL queries to retrieve and analyze data, improving data accessibility by 25%.
- **Reporting:** Created Excel-based reports and visualizations, enhancing data presentation and clarity by 20%.
- **Data Validation:** Conducted data validation and cleansing, ensuring data accuracy and reducing errors by 15%.
- **Support:** Assisted in preparing detailed reports and presentations for management, supporting strategic decisions and improving communication by 18%.
- **Team Contribution:** Participated in team meetings and contributed to developing data analysis strategies, leading to a 10% improvement in team performance.

EDUCATION

CATHOLIC UNIVERSITY OF EAST AFRICA

Bachelor of Commerce

Second Class Honours

Nairobi, Kenya
Aug 2016 - Aug 2021

STRATHMORE SCHOOL

Kenya Certificate of Secondary Education (KCSE)

Grade: B+

Nairobi, Kenya
Jan 2012 - Nov 2015

CERTIFICATES

Certified Mobile Developer

Strathmore University

Mar 2016 - Jun 2016

DELTA A2 Certificate

Alliance Françaises

Jan 2014 - Feb 2014

VOLUNTEER EXPERIENCE

Nyumbani Children's Home

Apr 2013 - Aug 2013

- Streamlined office administration tasks by creating and implementing a digital filing system and automating manual data-entry tasks; reduced administrative errors by 60% and saved the team 30 hours per week
- Managed daily operations over a 7-week period, including meal planning and preparation, inventory management, and cleaning; ensured that all tasks were completed on time and to a high standard