

# MOSES YEBEI.

## Data Analyst & Data Scientist.

✉ mosesyebei@gmail.com ☎ +254 729 625 258/ 777 776 115 📍 Nairobi, Kenya

🐙 Github   in LinkedIn   ↗ Google Cloud Public Profile

### PROFILE

With extensive experience as a data scientist, I excel in diverse aspects of the data lifecycle. My skills encompass statistical analysis, budgeting, forecasting, and financial statement analysis. I am proficient in Excel, Python and SQL and adept in handling cloud accounting software. My overarching goal is to leverage data to drive positive impact.

### SKILLS

**Soft Skills** (Leadership, Attention to detail, Integrity, Listening Skills, Communication skills, Teamwork, Initiative, Meeting deadlines with high-quality work)

**Financial Skills** (Budgeting and Forecasting, Risk management, Stock markets, Insurance, Financial statement analysis, Research skills, Proficiency in statistical analysis and modeling)

**Python** (Numpy, Pandas, Plotly, Tensorflow, OpenCV, YOLOv7, NLP, Pytorch, Seaborn, Matplotlib)

**Data Mining** (Power Automate, BeautifulSoup, Web Scrapping)

**Data Engineering** (MySQL, Excel, Google Sheets, Hadoop, Data Cleaning, Exploratory Data Analysis, Anomaly detection)


**Machine Learning** (Supervised Learning, Unsupervised Learning, Deep Learning, Natural Language Processing, Reinforcement Learning, Computer vision)

**Data Visualization** (Matplotlib, Tableau, Plotly, Seaborn, Streamlit, Experience in data visualization and reporting)

**Google Cloud Fundamentals** (Data, ML, AI, Networking and Security in GCP)

### PROFESSIONAL EXPERIENCE

#### Data Scientist

Fiverr 

01/2022 – present  
Remote, Kenya

- Created machine learning models to predict customer behavior and optimize marketing campaigns, resulting in a 15% increase in customer acquisition.
- Analyzed Cape Town Airbnb Dataset and achieved 60% model accuracy using Decision Tree Model.

- Collaborated with cross-functional teams to develop and implement predictive models for fraud detection and prevention, resulting in a 20% reduction in fraud losses.
- Developed and deployed executive and business stakeholder dashboards and reports to track key performance indicators (KPIs).
- Cleaned, preprocessed, and engineered features on large datasets using Python, SQL, and other tools.
- Identified data needs for business stakeholders and guided them in leveraging data to improve decision-making.
- Designed and maintained data pipelines for ingestion, processing, and analysis of large datasets.
- Contributed to the development of the company's data strategy, including the selection of data platforms, tools, and technologies.

### **Project Associate**

*Salix Data Africa* 

08/2022 – present  
Nairobi, Kenya

- Utilized cutting-edge technologies to efficiently process insurance payments for companies, improving their operational efficiency.
- Tracked key performance metrics using data analysis to optimize overall business revenue.
- Monitored and analyzed insured mortgages, contributing to companies' competitiveness and leveraging big data for future growth.


### **Business development Officer**

*Allicom Insurance Brokers*

01/2020 – 06/2020  
Nairobi, Kenya

- Acquired and managed clients with a 70% customer satisfaction rate.
- Executed marketing strategies that resulted in a 50% increase in client base.
- Conducted underwriting assessments to determine risk levels.

### **Junior Budget Controller**

*Bomet County Government* 

03/2018 – 01/2020  
Bomet, Kenya

- Reconciled budgets exceeding 4 Billion Kenya shillings on various county projects.
- Collaborated with the CFO to develop and maintain financial models for forecasting, budgeting, and long-term planning.
- Conducted financial analysis to support decision-making and strategic planning.
- Prepared and analyzed financial reports and metrics to provide insights into the organization's financial performance.
- Provided financial support and guidance on various projects and initiatives by collaborating with cross-functional teams.
- Identified and communicated financial risks and opportunities to the CFO.
- Analyzed trends and forecasts, recommended actions for optimization.
- Drove process improvements, including the development of standard and ad-hoc reports, tools, and dashboards.
- Assisted with the company's overall financial strategy.
- Ensured accurate financial reporting by working with the rest of the finance team.

## Claims Officer(Intern)

National Hospital Insurance Fund(NHIF)

06/2014 – 09/2014

Kenya

- Recommended and facilitated claims settlements, improving overall customer satisfaction by 20%.
- Coordinated expedited claim settlements, resulting in a 25% improvement in service delivery.
- Proactively resolved customer disputes, ensuring smooth claims processing and high levels of customer satisfaction.

## COURSES

### Google Cloud Fundamentals

07/2022 – 08/2022

Google Qwiklabs

Gained in-depth understanding of Google Cloud products, services, tools, features, benefits, and use cases, including cloud concepts and capabilities.

### Machine Learning

12/2021 – 06/2022

Stanford University

A subfield of AI that leverages data and intersects with statistics, cognitive science, information theory, and probability theory.

### Data Science Bootcamp

06/2021 – 11/2021

Data Is Good Academy - Udemy

A blend of mathematics, business acumen, tools, algorithms, and machine learning techniques for uncovering hidden insights or patterns from raw data, key in informing big business decisions.

## EDUCATION

### BSc. Actuarial Science

02/2012 – 11/2016

Karatina University 

Kenya

Application of mathematical, statistical, probabilistic, and financial theories to solve future business problems.

## AWARDS

### Nairobi Securities Exchange Investment Challenge

01/09/2015

Nairobi Securities Exchange

The challenge improved financial literacy, promoted saving and investing culture, and fostered prudent financial management skills for future investors. Emphasized use of technology, information, and research for optimizing investment decisions.

## INTERESTS

Artificial Intelligence

Deep Learning

Game Theory

Python & Julia programming Languages

Cloud Technologies

## REFERENCES

Available on Request