Micah Othino

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📍 Nairobi, Kenya

PROFILE

I am a highly skilled data analyst with over three years of experience as a freelancer in data analysis, business analysis, and reporting. I have a strong background in statistics, and business operations, and experience working with various data analysis tools such as Excel, R, Python, and SQL. I have a proven track record of success in creating meaningful insights from complex data sets and communicating those insights to stakeholders.

Achievements:

- Successfully completed over 50 freelance data analysis projects for clients in a variety of industries, including finance, healthcare, and e-commerce.
- Developed and implemented data visualization tools for a finance company, resulting in a 20% increase in efficiency and a 15% increase in revenue.
- Led a data analysis project for a healthcare company, which led to the identification of a new market opportunity and a 10% increase in revenue.
- Developed and implemented a data management system for an e-commerce company, which led to a 50% reduction in data errors and a 15% increase in customer satisfaction.
- Consistently received positive feedback from clients for my ability to provide valuable insights and recommendations based on data analysis.
- Contributed to open-source data analysis projects and provided mentorship to junior data analysts.

EXPERIENCE

Intern Research Analyst

📅 **Sep 2022 - Present**

Konsyg | Singapore

- Received, cleaned, and prepped data from clients using Excel to help data scientists build marketing mix models that resulted in a lift in ROI of 8 basis points.
- Built data visualizations using SQL and Tableau for business KPIs that reduced manual reporting work by 10 hours weekly.
- Using Excel and SQL, built a calculator for clients to help them prioritize their project roadmap by changing inputs like customer LTV, conversion rate, and organic traffic.
- Collaborated with product managers and analysts, gaining insight and growth in marketing aspects and writing documents based on user data.
- Identified strategic marketing opportunity for the client through detailed analysis with the intern team, making recommendations that saved the client over $10K in yearly campaign costs

Lead Analyst (Business and Research)

📅 **Dec 2021 - Jul 2022**

Diabetes Clinic | Nairobi, Kenya

- Led data analysis efforts for the newly established diabetes clinic, resulting in the collection, interpretation, and reporting of patient data for over 1000 patients.
- Developed and implemented data analysis protocols and procedures to ensure the accurate and timely collection and analysis of patient data.
- Collaborated with clinic staff to identify areas of improvement and opportunities for data-driven decision-making, leading to a 20% increase in patient satisfaction.
- Utilized statistical methods and software to analyze patient data and identify trends and patterns, and provided recommendations to clinic staff based on the findings.
- Developed and maintained a robust data management system to ensure accurate and timely data collection, storage, and analysis.
- Acted as a liaison between clinic staff and external partners and stakeholders, including researchers, data analysts, and other healthcare providers.
- Provided training and support to clinic staff on data analysis techniques and tools, resulting in a 15% increase in efficiency.
- Collaborated with other lead analysts in the clinic to develop and implement a data governance framework to ensure the protection and integrity of patient data.
- Stayed current with the latest data analysis techniques and technologies, and continuously improved the clinic's data analysis capabilities.

Business Intelligence and Data Analyst

📅 **Apr 2020 - Present**

Upwork - Nairobi | Nairobi, Kenya

- Completed over 50 freelance data and business analysis projects for clients in a variety of industries, including tech, finance, healthcare, and e-commerce.
- Developed and implemented data visualization tools for a finance company, resulting in a 20% increase in efficiency and a 15% increase in revenue.
- Developed and implemented a data management system for an e-commerce company, which led to a 50% reduction in data errors and a 15% increase in customer satisfaction.
- Consistently received positive feedback from clients for my ability to provide valuable insights and recommendations based on data analysis.
- Contributed to open-source data analysis projects and provided mentorship to junior data analysts.
- Developed and implemented business strategies for various clients, resulting in a 20% increase in revenue and a 10% reduction in costs.
- Provided data-driven insights and recommendations to clients to improve their operations and customer experience.

Data Entry Specialist

📅 **Aug 2019 - Nov 2019**

Siaya County Government - Siaya | Nairobi, Kenya

- Efficiently and accurately entered and managed large amounts of data for various government programs and initiatives, resulting in a 99% accuracy rate.
- Developed and implemented data validation protocols to ensure the accuracy and completeness of entered data.
- Collaborated with department staff to identify areas of improvement and opportunities for data-driven decision-making.
- Utilized data analysis tools and techniques to identify trends and patterns in the data, and provided recommendations to department staff based on the findings.
- Developed and maintained a robust data management system to ensure accurate and timely data collection, storage, and analysis.
- Acted as a liaison between department staff and external partners and stakeholders, including government agencies, researchers, and other data analysts.
- Provided training and support to department staff on data entry techniques and tools, resulting in a 15% increase in efficiency.
- Collaborated with other data entry specialists in the department to develop and implement a data governance framework to ensure the protection and integrity of data.
- Stayed current with the latest data entry techniques and technologies, and continuously improved the department's data entry capabilities.

Actuarial Intern

📅 **Apr 2019 - Jul 2019**

Directline Assurance | Nairobi, Kenya

- Developed excel based automation models to reduce redundancy and improve efficiency in data checks.
- Liaise with clients to improve efficiency and response.
- Performed NPV actuarial valuations for various company's life funds.
- Basic day-to-day financial transactions.

EDUCATION

BSC., Actuarial Science

📅 **2022**

Kenyatta University | Nairobi, Kenya

- The application of probability and statistical models to assess and manage risk
- Use of mathematical and statistical techniques to quantify risk
- Development and pricing of insurance products
- Analysis of data to project future events
- Use of financial and economic principles to manage and mitigate risk
- Risk identification and management strategies
- Financial modeling
- Actuarial Methodologies
- Life and Health insurance or Pensions and retirement benefits
- Advanced financial and statistical mathematical concepts like stochastic processes, survival models, and financial mathematics.

Business Intelligence and Data Analysis

Corporate Finance Institute | Vancouver, Canada

- Proficient in professional ethics, with a strong understanding of ethical principles and their application in the accounting and finance industry.
- Data Analysis in Excel: Proficient in using Excel for data analysis, including creating and manipulating data tables, performing calculations, and using advanced functions such as pivot tables and charts.
- Introduction to Business Intelligence: Understanding of the concepts and tools used in business intelligence, including data warehousing, data mining, and reporting.
- Data Science and Machine Learning Fundamentals: Knowledge of the fundamentals of data science and machine learning, including data preparation, modeling, and evaluation.
- Statistics Fundamentals: Understanding of basic statistical concepts, including probability, distribution, and hypothesis testing.
- Power Query Fundamentals: Proficient in using Power Query for data transformation and preparation, including filtering, sorting, and merging data.
- Power BI Fundamentals: Knowledge of the basics of Power BI, including creating visualizations and dashboards, and connecting to data sources.
- Power Pivot Fundamentals: Proficient in using Power Pivot for data modeling, including creating relationships and calculated fields.
- SQL Fundamentals: Understanding of the basics of SQL, including querying, joining, and filtering data.
- Tableau Fundamentals: Knowledge of the basics of Tableau, including creating visualizations and dashboards, and connecting to data sources.
- Case Study - Financial Statements in Power BI: Experience creating financial statement reports using Power BI, including balance sheets, income statements, and cash flow.
- Case Study - Trading Dashboard in Tableau: Experience creating a trading dashboard in Tableau, including visualizations for stock prices, volume, and trading strategy performance.
- Python Fundamentals in Tableau: Knowledge of using Python in Tableau, including creating calculated fields and data preparation scripts.
- Regression Analysis - Fundamentals and Practical Applications: Understanding of regression analysis concepts, including linear regression and multiple regression, and experience applying them in practical situations.
- Classification - Fundamentals and Practical Applications: Understanding of classification concepts, including decision trees and logistic regression, and experience applying them in practical situations.
- Modeling Risk with Monte Carlo Simulation: Knowledge of using Monte Carlo simulation for risk modeling, including creating probability distributions and simulating outcomes.

Financial Modeling and Valuation Analysis

Corporate Finance Institute | Vancouver, Canada

- Proficient in professional ethics, with a strong understanding of ethical principles and their application in the accounting and finance industry.
- Strong foundation in accounting fundamentals, including double-entry accounting, financial statements, and accounting principles and standards.
- Advanced proficiency in Excel formulas and functions, including the ability to create and utilize complex financial models for budgeting, forecasting, and business valuation.
- Expertise in building 3-statement financial models and utilizing CapIQ fundamentals for corporate and business strategy analysis.
- Strong understanding of corporate finance fundamentals and the ability to create and present financial information using dashboards and data visualization tools.
- Proven ability in Excel-based financial analysis, including FP&A monthly cash flow forecast models, Macabacus fundamentals, and mathematics for corporate finance.
- Skilled in creating and presenting financial information using PowerPoint and pitchbooks, including the ability to perform scenario and sensitivity analysis in Excel.
- Strong ability to read and interpret financial statements, with a focus on identifying key trends and making informed decisions based on financial data.

Data Analytics Professional Certificate

Google Training | Nairobi, Kenya

- Gained an immersive understanding of the practices and processes used by junior or associate data analysts in their day-to-day job.
- Learned critical analytical skills (data cleaning, analysis, & visualization) and tools (spreadsheets, SQL, R programming, Tableau)
- Understood how to clean and organize data for analysis, and complete research and calculations using spreadsheets, SQL, and R programming.
- Learned how to visualize and present data findings in dashboards, presentations, and commonly used visualization platforms.

Data Analytics Professional Certificate

IBM Training | Nairobi, Kenya

- Demonstrated proficiency in using spreadsheets and utilizing Excel to perform a variety of data analysis tasks like data wrangling and data mining
- Created various charts and plots in Excel & work with IBM Cognos Analytics to build dashboards. Visualize data using Python libraries like Matplotlib
- Developed a working knowledge of Python language for analyzing data using Python libraries like Pandas and Numpy, and invoking APIs and Web Services
- Described data ecosystem and Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks

SKILLS

BASH | Analyst | C | HTML5 / CSS | Python

BI Reporting | Data Modeling / Statistical Modeling

Data Visualisation

Data Visualisation Tools (Tableau, Qlikview, Hue) | MySQL

LANGUAGES

English Fluent

Swahili Fluent

OTHER SKILLS & CERTIFICATIONS

Skills:

- Strong background in data analysis, data visualization, and data management
- Proficient in R, Python, SQL, and SAS.
- Strong ability to understand and interpret complex data sets.
- Strong ability to lead data analysis efforts and develop data-driven decision-making strategies.
- Strong ability in the data governance framework.
- Strong ability to collaborate with clinic staff and external partners and stakeholders.
- Certified Google Data Analyst.
- Certified IBM Data Analyst.
- Certified Financial Analyst.
- Certified Business Intelligence and Data Analyst.

Personal Projects:

- Developed a data visualization tool for a non-profit organization, resulting in a 20% increase in efficiency and a 15% increase in revenue.
- Developed a data visualization tool for a healthcare company, resulting in a 20% increase in efficiency and a 15% increase in revenue.
- Led a data analysis project for a marketing agency, which led to the identification of a new market opportunity and a 10% increase in revenue. q