

Alex Nkusi

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Professional Summary

Ambitious and detail-oriented Graduate Investment Analyst with over 3 years of experience in data analysis, SQL, and financial modeling. Skilled at extracting, cleaning, and interpreting complex datasets to generate actionable insights that support strategic decision-making. Proficient in Python, Power BI, and Excel, with a proven ability to collaborate across teams to deliver high-impact results. I am eager to leverage my analytical expertise and proactive mindset to contribute to investment strategies and decision-making in a fast-paced financial environment.

Skills

- **Financial Analysis & Reporting:** Statistical Analysis, Data Modeling, Risk Assessment, A/B Testing
 - **Technical Proficiency:** SQL (Advanced queries, Window Functions, Joins), Python (pandas, NumPy), Excel (Pivot Tables, VLOOKUPS, Macros)
 - **Data Visualization:** Power BI, Tableau, Advanced Excel Charts
 - **Soft Skills:** Analytical Thinking, Attention to Detail, Effective Communication, Problem-solving, Collaboration
 - **Certifications:** Advanced SQL(HackerRank), Data Visualization Masterclass (Udemy),
 - **Investment Advisor Certification** – In Progress
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Professional Experience

Academic Support Consultant – Data Analysis (*Freelance*)

Masterschool, November 2024 – Present, London (Remote)

- Mentoring aspiring data analysts by providing 1:1 guidance and technical support in Python, SQL, and Excel for financial and business analysis projects.
- Facilitating learning through project-based workflows, helping students create actionable insights from real-world datasets.

- Developing supplemental resources, including step-by-step guides and example notebooks, to reinforce key analytical concepts.

Data Analyst

CodeImpact SMC LTD, September 2020 – Present

- Conducting financial modeling and data analysis to support strategic decision-making for clients in education and tech sectors.
- Creating dynamic dashboards using Tableau and Power BI, enabling stakeholders to visualize trends and assess investment opportunities.
- Automating data workflows using SQL and Python, reducing reporting times by 30% and improving data accuracy for investment assessments.
- Collaborating with cross-functional teams to enhance data collection and validation processes, ensuring reliable insights for financial strategies.

TA – Subject Matter Expert, Data Analysis

Harris Academy Beckenham, April 2023 – Present

- Analyzing student performance data using SQL and Excel, identifying trends to inform strategic decision-making within educational investments.
- Developing interactive dashboards to visualize key metrics, enhancing stakeholder understanding of performance and risk management.
- Providing mentoring and feedback to educators and students, fostering a data-driven culture for strategic outcomes.

Curriculum Content Analyst

Tunga, April 2020 – July 2021

- Conducted detailed data analysis using SQL to optimize curriculum strategies, resulting in a 20% improvement in engagement metrics.
- Developed actionable insights and presented data through interactive dashboards in Power BI to inform stakeholder decisions.
- Streamlined reporting processes through data validation and automation, reducing manual tasks and enhancing decision accuracy.

Web/Curriculum Developer

Andela, June 2018 – July 2021

- Leveraged SQL and Python to analyze user behavior, generating insights that optimized application performance and user engagement.
- Designed interactive reports to visualize trends, aiding teams in strategic planning and operational improvements.
- Collaborated with global teams in Agile environments to deliver data solutions tailored to specific business needs.

Education

BSc in Applied Information Technology

Sikkim Manipal University, India, April 2004 – April 2008

- Relevant Coursework: Database Management, Software Development, Data Structures

Data Analytics Training Program

Masterschool, August 2023 – February 2024

- Focused on solving business and financial challenges using Python, SQL, and Excel.
- Built predictive models and conducted financial data analysis for real-world case studies.

Projects

Investment Opportunity Analysis

Masterschool Capstone Project, February 2024

- Built predictive models using Python to evaluate potential returns, enhancing investment decision-making.
- Designed and presented Power BI dashboards, visualizing risk factors and growth opportunities for stakeholders.

Portfolio Risk Assessment

Contributor, May 2024 – Present

- Conducted data analysis on portfolio performance using SQL, identifying high-risk investments and suggesting mitigation strategies.
- Presented findings through Tableau dashboards to support data-driven financial planning.