

Gedion Mutinda Amisi

Data Scientist ML Developer/ Data Analyst

0799711783 | gideonamisi11@gmail.com | Kenyan | 14-04-1997 | Single

ABOUT ME

With over 3 years of experience in data science and machine learning, I have successfully applied my technical skills to develop innovative solutions that drive business impact. I specialize in designing and deploying machine learning models that have improved predictive accuracy and optimized operational efficiency. I'm proficient in building REST APIs, managing source code with Git, and containerizing applications using Docker for seamless deployment. I have a strong foundation in SQL databases, big data technologies like Hadoop and Spark, and business intelligence tools like Power BI. My practical experience extends to implementing end-to-end data pipelines, from data extraction and cleaning to visualization and model deployment. Beyond technical expertise, I excel in cross-functional collaboration, effectively working with data engineers, analysts, and business stakeholders to deliver impactful data-driven solutions. I'm an advocate of Agile methodologies, fostering teamwork and ensuring timely project completion. My leadership in mentoring junior data scientists and conducting technical workshops reflects my commitment to continuous learning and skill development within teams.

OBJECTIVE

A passionate and results-driven Data Scientist and Machine Learning Developer, seeking to leverage over 3 years of experience in data-driven decision-making to contribute to impactful projects. My goal is to continuously deepen my expertise in data science, machine learning, and big data technologies by working on complex, cross-functional projects that drive business innovation and process efficiency. I aim to collaborate with diverse teams, using cutting-edge data science techniques to solve real-world problems, while fostering continuous learning and professional development. Ultimately, I aspire to create scalable, data-driven solutions that enhance organizational performance and deliver measurable business outcomes.

EDUCATION

2016 - 2021

Bachelors Degree
Bcom (Finance)
Machakos University

EXPERIENCE

2024 - 2024

Lead Data Scientist and ML Developer
Glafpol LLC
United States
Lead the design, development, and deployment of machine learning models to address complex business challenges, focusing on predictive analytics and data-driven decision-making. Collaborate with cross-functional teams to create scalable data solutions, enhancing operational efficiency and accuracy in data reporting. Implement Agile methodologies, ensuring timely delivery of projects and fostering a culture of continuous improvement within the team. Develop REST APIs to streamline data access and integration with existing systems, improving user experience and data utilization.

2023 - 2024

Business Intelligence and Data Scientist ML Developer
Kenya Revenue Authority
Nairobi
Optimized revenue collection processes through data analysis and business intelligence solutions, resulting in a 15% increase in efficiency. Created interactive dashboards using Power BI to visualize key performance indicators, enabling data-driven decision-making for management. Conducted data mining and predictive modeling to identify trends and patterns in revenue data, providing insights that informed strategic planning.

2022 - 2023

Instructor
Africa Data School

Nairobi

Instructed courses in Data Science, Machine Learning, and Artificial Intelligence, empowering students with essential skills in data mining and analytics. Guided students in their innovation journeys, assessing final projects for certification and ensuring alignment with industry standards. Engaged in data analytics competitions within the Zindi organization, enhancing practical experience and fostering community involvement.

INTERNSHIPS

2023 - 2024

Business Intelligence and Data Science ML Developer
Kenya Revenue Authority
Nairobi

PROJECTS

StartDate : 2024-08-12
EndDate : 2024-10-05

Predictive Model
Glafpol LLC
Lead Data Scientist and Machine Learning Developer
Real-Time Data Dashboard for GLAFPOL Description: Designed and developed an interactive dashboard to visualize geographic data on conflict incidents as well as results from the predictive model, using Streamlit and Docker for deployment. Technologies Used: Streamlit, Docker, Python, Mapbox Impact: Provided stakeholders with real-time insights into regional risks, facilitating timely decision-making and strategic planning.

StartDate : 2024-01-08
EndDate : 2024-06-30

Revenue Forecasting Model
Kenya Revenue Authority
Data Scientist Machine Learning and Business Intelligence Developer
Description: Created a machine learning model to forecast revenue for the Kenya Revenue Authority, analyzing historical data and identifying trends to optimize collection strategies. Technologies Used: R, SQL, Power BI Impact: Improved forecasting accuracy by 20%, contributing to more informed decision-making and resource allocation.

CERTIFICATES

2023-07-01 - 2026-08-01

Professional Data Scientist
Oracle University
304678788OCIDSP20230PN
This certification recognizes expertise in data science, particularly focusing on industry-relevant skills such as data analysis, model building, and applying machine learning techniques using Oracle's suite of tools and platforms.

2022-08-01

Data Science and Machine Learning
Africa Data School
Verified-027
This certification validates comprehensive knowledge in data science and machine learning development, covering areas such as data mining, statistical analysis, predictive modeling, and the practical use of machine learning algorithms in real-world applications.

SKILLS

Programming Languages: Python, R, SQL, Typescript, Kotlin, HTML5/CSS,

Data Science & Machine Learning: Natural Language Processing (NLP), Deep Learning, Predictive Modeling, Forecasting, Data Exploration, Data Visualization,

Big Data Technologies: Hadoop, Spark, Unstructured Data Management, Databases: SQL, NoSQL, PostgreSQL,

Tools & Frameworks: Docker, Git, Power BI, Streamlit, REST APIs, CI/CD (Continuous Integration/Continuous Deployment),

Cloud & Containerization: Docker, Kubernetes, Version Control: Git, GitHub, GitLab, Business Intelligence: Power BI, Tableau,

Web Development: Front-end development (HTML/CSS), Deployment Platforms: Streamlit, Docker, Flask,

Collaboration: Worked in cross-functional teams, leading data initiatives with engineers and analysts,

Leadership: Mentored junior developers and conducted workshops on machine learning,

Project Management: Skilled in Agile and Scrum methodologies, managing projects from development to deployment,
Communication: Strong presentation skills, explaining complex data-driven insights to non-technical stakeholders

LANGUAGES

ENGLISH, SWAHILI

AWARDS

AWARD RECEIVED		AWARD RECEIVED		AWARD RECEIVED		AWARD RECEIVED	
Revenue	Optimization	Data Science	Instructor	Competitions	and	Continuous	Learning
Played a pivotal role in increasing revenue collection efficiency by 15% at the Kenya Revenue Authority through the implementation of data-driven solutions and predictive analytics.		Recognized for excellence in teaching and mentoring at Africa Data School, helping over 70 students gain practical skills in data science, machine learning, and AI.		Hackathons Actively participated in numerous data science competitions, including Zindi, where I secured top positions, showcasing advanced problem-solving and analytical skills.		Completed several advanced certifications in data science and machine learning, including the Professional Data Scientist from Oracle University and Data Science and Machine Learning from Africa Data School, enhancing my technical expertise and knowledge.	
2024		2022		2022		2023	

STRENGTHS

- Technical Proficiency: Expert in data science, machine learning, and big data technologies, with a proven ability to design, develop, and deploy complex models and data-driven solutions.,
- Problem-Solving & Innovation: Strong analytical thinker who excels at using data to solve complex problems and innovate new approaches to business challenges.,
- Cross-Functional Collaboration: Adept at working with diverse teams, effectively bridging the gap between data engineering, business intelligence, and stakeholders to achieve shared goals.,
- Continuous Learning & Adaptability: Committed to staying at the forefront of data science through continuous learning, adapting to new tools, and embracing industry trends.,
- Leadership & Mentorship: Experienced in leading teams and mentoring junior data scientists, fostering growth, and collaboration within the data science community.,
- Communication Skills: Ability to explain complex technical concepts to non-technical stakeholders, ensuring alignment and clarity in project goals and outcomes.,
- Dedication & Work Ethic: Highly motivated, detail-oriented, and driven to deliver high-quality results within tight deadlines.

ACTIVITIES

- Continuous Learning: Engage in online courses, webinars, and reading materials to stay updated on the latest trends and technologies in data science and machine learning.,
- Open Source Contributions: Collaborate on open-source projects, contributing to the development of machine learning tools and libraries to support the data science community.,
- Data Science Competitions: Participate in competitions such as those hosted by Zindi, focusing on data mining and machine learning challenges to enhance practical skills.,
- Teaching & Mentorship: Facilitate workshops and training sessions for students at Africa Data School, focusing on data analysis, machine learning, and practical applications.,
- Workshops and Meetups: Attend and contribute to workshops and meetups related to data science and machine learning, fostering community learning and networking.,
- Volunteer Work: Actively engage in volunteer opportunities to mentor aspiring data scientists, sharing knowledge and resources to help them succeed.

INTERESTS

Machine Learning & AI: Passionate about exploring advancements in artificial intelligence, deep learning, and data-driven technologies.,

Innovation & Technology: Keen interest in staying updated with the latest tech trends and applying them in creative ways to solve business problems.,

Adventure & Exploration: Enthusiastic about outdoor activities and adventure sports, fostering a spirit of curiosity and resilience.,

Physics: A long-standing interest in the fundamental principles of physics and how they relate to machine learning and problem-solving.,




Teaching & Mentorship: Enjoy mentoring aspiring data scientists and participating in data science communities to share knowledge.,


Badminton: Active badminton player, appreciating the focus, strategy, and agility the sport demands.

REFERENCES

Duncan Kabogo	Margaret Wanjiru Pere
CEO	Manager - Corporate Data
Africa Data School	Office
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admissions@africadataschool.com	Margaret.pere@kra.go.ke

SOCIAL LINKS

 https://twitter.com/hamisi_gideon  <https://www.linkedin.com/in/gamisi>  https://www.instagram.com/gideon_hamisi/

 https://github.com/gideon_hamisi

DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false information may lead to disqualification from consideration for employment or termination of employment if hired.

Place : Machakos

Gedion Mutinda Amisi

Date : 14-04-1997