

Martin Dudi

[LinkedIn](#) | [Portfolio](#)

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CAREER OBJECTIVE

A results-driven **Data Analyst** with strong analytical skills and a customer-focused approach, aiming to leverage data analysis and machine learning expertise to improve sales performance and customer satisfaction. Passionate about transforming data into actionable insights that drive growth and efficiency. Proven experience in SQL, Excel, and data visualization tools with a deep understanding of statistical methods. Looking to contribute to **Branch's mission** of delivering accessible financial services in emerging markets through data-driven decision-making.

EDUCATION

Turing College — Vilnius, Lithuania

Data Analytics Career Program | May 2024 - Present

Expected Completion: January 2025

Focused on data analysis, SQL, data visualization, and presenting insights.

Moringa School — Nairobi, Kenya

Data Science Bootcamp | April 2023 - October 2023

Specialization in data preprocessing, exploratory data analysis, machine learning, and data visualization. Proficient in Python, R, and hands-on projects with real-world datasets.

Kabarak University — Nakuru, Kenya

Bachelor of Science in Actuarial Science | Sept 2019 - Dec 2023

Coursework in mathematics, statistics, risk assessment, and financial modelling.

Maseno School — Maseno, Kenya

KCSE | 2018

Achieved B grade with active involvement in extracurricular activities.

PROFESSIONAL EXPERIENCE

Associate: Data Migration & Analyst – Ernest & Young LLP

August 2023 – Present

- Executed core banking data migration from Temenos Release 2009 to 2023, ensuring data accuracy and quality for seamless transition.
- Performed data migration QA for the **Development Bank of Rwanda** and delivered actionable insights for improving data processes.

Actuarial Analyst – Deloitte

June 2023 – August 2023

- Automated **Expected Credit Loss (ECL)** calculations using R and VBA, improving the efficiency of risk management processes.
- Enhanced financial compliance by applying **IFRS 9** and **IFRS 17** standards.

Data Science & Machine Learning Intern – Technocolab Softwares, India

Feb 2024 – Present

- Developed and deployed **machine learning models** to solve business problems, improving model prediction accuracy.
- Analysed datasets and derived insights to inform business decisions, leading to actionable data-driven strategies.

Policy Administration Intern – CIC Insurance Group, Nairobi

Jan 2023 – Apr 2023

- Managed insurance claim forms, organized records, and provided excellent customer service to ensure efficient processing.

PROJECTS

1. **House Price Prediction**
Predicted house prices using **machine learning techniques**.
[GitHub Link](#)
2. **Life Expectancy Prediction**
Developed predictive models to estimate **life expectancy**.
[GitHub Link](#)
3. **Market Analysis Dashboard (Power BI)**
Built an interactive **dashboard** for market trend analysis and competitor performance.
4. **SafariDine & Stay**
Designed a personalized **culinary and lodging guide** for Kenyan travellers using advanced machine learning.
[GitHub Link](#)

SKILLS

- **Data Analysis:** Data wrangling, feature engineering, and exploratory analysis.
 - **Machine Learning:** Regression, classification, and clustering.
 - **SQL:** Expert in writing optimized queries, proficient in TSQL/PLSQL (Oracle, MSSQL, Teradata).
 - **Programming:** Python, R, Java, Scala.
 - **Big Data:** Apache Hadoop, Spark.
 - **ETL Tools:** Informatica, SSIS, NIFI.
 - **Data Visualization:** Power BI, Tableau, Matplotlib.
 - **Communication & Teamwork:** Proven ability to communicate findings and collaborate across teams to drive business insights.
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LEADERSHIP POSITIONS

- **Senior Mathematics Captain – Maseno School | 2017-2018**
 - **Organizing Secretary – Kabarak University Actuarial Science Society | 2022-2023**
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REFERENCES

- **Mr. Markson Rugut** | Kabarak University | Email: Rugutmarkson@gmail.com
- **Dr. Peter Rugiri** | Kabarak University | Email: PRugiri@kabarak.ac.ke
- **Kevin Ondara** | CIC Insurance Group | Email: Kevinondara@gmail.com
- **Timothy Machira** | Deloitte & Touche LLP | Email: tmachira@deloitte.co.ke
- **Douglas Makori** | Ernest & Young LLP | Email: Douglas.Makori@ke.ey.com