

 kitongameshack9@gmail.com +254 796 458251 Nairobi, Kenya[LinkedIn](#) [GitHub](#)

SUMMARY

Experienced data scientist/software engineer with over 3 years of experience, specializing in data-driven solutions. Skilled in leading data science projects from conception to delivery, with a focus on strategic planning, resource management, and timeline oversight. Proven ability to translate complex business requirements into actionable project plans, effectively managing risks and ensuring stakeholder alignment throughout the project lifecycle. Strong leadership and communication skills, fostering collaboration within multidisciplinary teams to drive successful project execution. Passionate about leveraging data to drive business decisions and deliver innovative solutions that meet organizational objectives.

SKILLS

- Expertise in Python, Linux, AWS (S3, EC2, RDS), Git, Docker, SQL, Numpy, Tensorflow, and/or PyTorch.
- Proficient in exploratory data analysis using Jupyter Notebooks or VScode.
- MLOps: version control (Git/GitHub), Docker, MLflow, and APIs with Flask/FastAPI/Django.
- Big Data: Spark (PySparkSQL), BigQuery, MySQL and Postgres.
- Cloud technologies: GCP (including Vertex AI) and AWS.
- Data Platforms: Databricks.
- Project management tools: Asana, Trello, Jira.
- Proficient in using Power Platforms to drive data-driven decisions (data to insights for decision making).

EXPERIENCE

Coordinator | TechHub - Equity Bank (Ke)| Nairobi, Kenya | Jan 2022 - Current

- Leading a group of over 100+ techies within the banks' scholar ecosystem.
- Managing projects end-to-end in the techhub.
- 1st position in the second edition of Equity Hackathon (2023).

Data Scientist | NCBA Group | Nairobi, Kenya - Physical | July 2022 - December 2023

- Conducted in-depth data analysis utilizing Python and SQL to derive actionable insights for diverse markets.
- Developed and delivered comprehensive Power BI reports for the marketing team, empowering stakeholders for data-driven decision-making.
- Spearheaded the design and development of dynamic dashboards, empowering stakeholders with real-time insights to inform data-driven strategies and initiatives, leading to a significant 20% improvement in decision-making accuracy.
- Managed end-to-end data analysis dashboards, from creation to maintenance, optimizing processes for seamless functionality and user experience, leading to a 30% increase in user satisfaction.
- Spearheaded the development of machine learning models, resulting in a substantial reduction in credit defaults (classification models).
- Conducted performance tuning and optimization of data models, enhancing query performance and system

responsiveness for enhanced user experience.

- Executed customer profiling initiatives, enhancing targeted marketing and personalized customer interactions for our diverse markets.
- I collaborated cross-functionally with data analysts, business stakeholders, and IT teams to gather requirements and deliver tailored solutions aligned with organizational objectives, resulting in a 10% increase in project success rate.
- Innovatively designed and implemented a recommendation engine on pytorch framework for the bank's credit product.
- Automated complex business processes in strict conformity with approved System Change Requests (SCRs), resulting in enhanced efficiency and effectiveness.
- Developed credit score cards for ecosystems teams resulting in a 15% increase in lending rates and reduced churn rate.

Payments Officer, Equity Bank (Ke), Mwingi, Kenya, Feb 2021 - June 2022

- Trained agents, monitored performance, and supported business growth.
- Implemented customer feedback-driven changes.

Relationship Officer, Equity Bank (Ke), Kenya, March 2016 - April 2020

- Provided efficient customer service, mobile banking training, and ensured compliance - Branches: Mwingi, Nairobi West, Tea Room, Kutus, Kengeleni.

LATEST ACHIEVEMENTS

- Participant in build V4 of Backdrop - Accelerator program for builders.
- Coordinator of TechHub at Equity bank (Ke) - A community of techies within the Equity Banks' scholar fraternity.
- Developer, Contributor, and maintainer of [Dataramp](#) - a python library for data science and analytics teams.
- 1st Place, [Equity Hackathon 2nd Edition](#), Nairobi, Kenya, April 2023.
- Semi-finalist in the [Africa to Silicon Valley \(A2SV\) hackathon](#) on Generative AI in 2023.

EDUCATION

- Msc. Computer Science, Dedan Kimathi University of Technology, Nyeri, Kenya; Sept. 2023 -
- Bsc. Computer Science, Dedan Kimathi University of Technology, Nyeri, Kenya, May 2017 - May 2021.