VICTOR OKETCH SABARE

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| https://sabare.tech/

EDUCATION

Jomo Kenyatta University of Agriculture and Technology, Karen, Kenya
- *BS in Data Science and Analytics*
- *Relevant Coursework:* Machine Learning I & II, Probability & Statistics,
- *Activities:* Microsoft Learn Student Ambassador, Kenya Model United Nations

Alliance High School, Kikuyu, Kenya
- *Activities & Societies: MIT Launch X Club, Junior Economic Club, Chess Club, World Scholars Club*

TECHNICAL SKILLS

- *Computer Languages:* Python, Java, R, Scala, SQL
- *Tools:* Hadoop Ecosystem, TensorFlow, Elastic Search, Tableau, MongoDB, Apache Flume, Apache Kafka, Apache Pig, Apache Oozie, Apache HBase, Apache Sqoop, Apache Spark
- *Skills:* Associative Rule Mining, Machine Learning, Artificial Intelligence, Natural Language Processing, Inductive Logic Programming, Support Vector Machines, Dimensionality Reduction, Probabilistic graphs, Clustering and SOMs; trend analysis and forecasting

WORK EXPERIENCE

UPWORK, *Independent Contractor*, Remote   March 2022 – Present
- **Data Analysis**: Designed Microsoft Power Apps, Power Pages, Power BI dashboards, and interactive reports using PowerFX, Power Automate, DAX, SQL, and M Code for actionable insights. Validated data integrity, reduced null values, and ensured analytical accuracy.
- **Content Writing**: Delivered 100+ SEO-optimized landing pages on hiring remote developers for diverse technologies (e.g., PHP, Java, iOS). Created structured, technical, and FAQ-rich articles (~1500 words each) focusing on clarity and search engine ranking. Consistently earned client praise for quality and timeliness.
- **Technical Consulting**: Supported technical deployments, including troubleshooting Vercel portfolio projects, resolving deployment bottlenecks, and optimizing workflows for efficiency.
- **Technical Blogging**: Authored a technical blog series showcasing advanced analytics concepts, achieving a 4.4/5 client satisfaction rating for quality, communication, and creativity.

HFC KENYA, *Data Engineer*, Nairobi, Kenya   June 2024 – September 2024
- Developed and deployed 5 Power Apps at HFC Kenya, digitizing manual processes in the bank.
- Was part of the migration team for a new data warehouse using AWS Data Warehousing with Amazon Redshift.
- Utilized SOAPUI for regulatory reporting to the Central Bank of Kenya.

CERTIFICATIONS

- Associate Big Data Engineer (ABDE™), Data Science Council of America
- Data Engineer Associate, DataCamp
- Data Scientist Associate, DataCamp
- Data Analyst Associate, DataCamp

PROJECTS & LEADERSHIP EXPERIENCE

Retail-Recommender-System, *Independent Project*   November 2024
- The Retail Recommender System is a Shiny-based web application recommending cross-sell opportunities using association rule mining.

Product-Network-Analysis-Using-R, *Independent Project*   October 2024
- This Shiny web application analyzes product transactions to discover frequently purchased product pairs and visualize their relationships using association rule mining (Apriori algorithm) and community detection to identify frequent itemsets and clusters of related products.

Microsoft Learn Student Ambassador Program, *Student Ambassador*, Nairobi, Kenya   April 2022 – April 2025
- Organized and executed engaging workshops, webinars, and events to educate peers about the latest Microsoft technologies and tools.
- Mentored and guided fellow students interested in pursuing careers in technology, offering insights into industry trends and opportunities.