ISAAC MUNYAKA

Data Analytics || Business Intelligence

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Career Profile

I am passionate about data-driven decision-making through leveraging data and making inferences that can be translated into substantial deliverables.

I am interested in developing impactful dashboards, algorithms, software and LLMs that make work effective by delivering intelligent insights.

Skills and Attributes

Problem-Solving, Data Analytics

SQL, Dashboards and insightful reports

Data Storytelling, Database management

Stakeholder Engagement

Machine learning, Feature Engineering

Communication skills, Teamwork

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March 2024 – Present: AI Tutor – Mindrift by Toloka -Remote  
Data preparation and labeling for Machine Learning.

Creating Python visualizations as requested.  
Improving reasoning through creating Chain of Thought for different datasets.

Oct 2023 – March 2024: Data Analyst – Freelance  
Created dashboards for different data projects.  
Performed Exploratory Data Analysis and feature engineering for different projects.  
Worked on different projects in Natural Language Processing, Reinforcement learning, and text-to-SQL AI tools

Used Vanna AI, a Retrieval Augmented Generation tool, to solve complex SQL queries with subsequent visualizations.

Performed exploratory Data Analysis for various side projects.

May 2023 – Jan 2024: Relationship Manager - Zeraki, Kenya.

Leading Ed-Tech company offering digital solutions to schools making learning effective and efficient in Africa.  
Led in the acquisition and installation of Zeraki software to over 150 schools.

Offered Tech Customer support to over 400 clients.

Creating reports and dashboards.

Jan 2023 - May 2023: Direct Sales Representative, National Bank of Kenya, St Paul’s University Branch

Offering excellent customer experience while interacting with customers on different channels.

Gathering feedback from customers on bank products and their experience to seek improvement.

JULY 2022- NOV 2022     Program Analyst: Voter Africa, Nairobi

Achievements:

Creating a database of all candidates in the Kenya’s General Election

Pre-election analysis

Post-election analysis

OCT - DEC 2021   Market Research Trainee: Japan International Cooperation Agency (JICA), Nairobi

Achievements:

Assisted in conducting market survey, creating effective marketing strategies, data analysis and the sensitization of the Smallholder Empowerment Project (SHEP) Approach (by JICA) which was a success and members of the Cooperative Society accepted it as way of reducing information asymmetry in the market and better management of their stock, receipts and various data collected relating to prices, peak demand periods and quantities.

JUNE 2019 – AUG 2019   Planning Officer Intern: Agricultural Development Corporation, Nairobi.

   Responsibilities:

Data entry, trend analysis, data capture & analysis for revenue, expenditure and production.

Conducted cost benefit analysis.

Assisted in evaluation of different enterprises.

Conducting market research and data organization.

FEB 2017 – APRIL 2017       Design Thinking Project: Africa Nazarene University, Nairobi.

Achievements:

Used design thinking to analyze and solve the problem of food insecurity in the country through better implementation of well collected data and creative ideas.

Education

FEB 2023 – July 2024: Moringa School – Data Science, AI

A Data science bootcamp partnered with Flatiron School.

I have gained technical skills in data analytics and engineering, scientific computing, SQL, quantitative methods, Python programming, data visualizations, machine learning, web scraping.

SEP 2017 – JUNE 2022​ Jomo Kenyatta University of Agriculture and Technology: BSc. Agricultural Economics

Acted as a team player and team leader through successful group presentations, leading in various projects and presentations, as well as motivating the group when handling a project.

Interests and Hobbies

Researching new technologies and trends, community service to impact lives, and engaging in outdoor activities.

References

1. Isaac Nyangolo

 CEO and Co-founder

 Zeraki.

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2. Simon Wakaba

  Branch Manager.

National Bank of Kenya,

   St Paul’s University Branch

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