Susan Mungai

Data Scientist

Confident young professional with a passion for learning and development. Eager to leverage education and training in the data science and fintech space to support the growth and success of a high-performing organization. Strong track record of setting effective goals and leading teams to achieve those goals. Committed to continuous improvement and driving team success.

susanmungai007@gmail.com

+254719130032

Nairobi, Kenya

linkedin.com/in/susan-mungai-40794a217

github.com/SueMungai

SKILLS

- Python for Data Science
- Financial Modeling
- Excel Fundamentals
- SQL
- Data Visualization and Presentations
- Machine Learning and Artificial Intelligence
- Power Tools
- Tableau
- Basic HTML, CSS
- Microsoft Office
- Javascript

LANGUAGES

English
Full Professional Proficiency

Kiswahili
Native or Bilingual Proficiency

French
Limited Working Proficiency

EDUCATION

Bachelor of Commerce
University of Nairobi

10/2020 - Present

Finance

- Active participant of the Business Information Systems Students Association and Finance and Investments Students' Association
- Member of the UON Consulting Club

Data Science
Moringa School

07/2022 - 01/2023

Courses

- Python for Data Science
- Participated in a rigorous program, took part in Machine Learning group projects, and got experience working with others

Financial Modeling and Valuation Analysis
Corporate Finance Institute

05/2022 - 07/2022

WORK EXPERIENCE

Internship
Kenya Revenue Authority

07/2023 - 09/2023 *Nairobi, Kenya*

Achievements/Tasks

- Developed strong analytical skills working with financial data and optimizing financial processes.
- Validated and verified online payments, demonstrating meticulous attention to detail and a strong commitment to data accuracy.

Contact : Ann Kamau - ann.kamau@kra.go.ke

PERSONAL PROJECTS

Age Progression -UTKFace Dataset (12/2022 - 01/2023)

- Created a real-world application that displays age progression of someone's face to help law enforcement identify missing persons after a long period of time.
- Cleaned 20000 images, preprocessed them and then used a GAN model to progress the images.

Tanzania Water Wells Prediction- Zindi (10/2022 - 10/2022)

- Used Machine Learning to predict water wells in Tanzania to assist the government to provide clean water to it's people by improving the water infrastructure
- Some models utilized include: Logistic regression,. Random Forest, Gradient Boosting, Support Vector Machine, Gaussian Naive Bayes, K-Nearest Neighbors, Decision Tree and XGBoost

Vaccination Rates Analysis for Preventable Childhood Diseases in Nigeria (05/2023 - 05/2023)

- A fundamental Exploratory Data Analysis (EDA) on vaccination rates for preventable childhood diseases in Nigeria.
- The primary objective was to gain insights from the data, identify trends, and assess the current state of immunization coverage in Nigeria.
- The results of this EDA can serve as a foundation for informed policy decisions aimed at improving childhood vaccination rates and reducing the incidence of preventable diseases.