Griffin Githambo

Data Science Student | Python | SQL |Aspiring Data Scientist.

Thika, Kenya.

Github: [github link](#)

Portfolio: [portfolio website](#)

Email: [email link](#)

LinkedIn: [linkedin link](#)

Profile

Third-year Data Science student at KCA University with hands-on experience in Python, SQL, data analysis, and applied machine learning. Skilled in exploratory data analysis, data pipelines, recommendation systems, and building API-backed data solutions. Experienced in healthcare data analysis through internship work and passionate about using data-driven approaches to solve real-world problems while maintaining strong technical foundations and ethical practice.

Technical Skills

Programming & Data

- Python, SQL
- Pandas, Numpy
- Data cleaning and preprocessing
- Exploratory Data Analysis(EDA)

Machine Learning and Analytics

- Scikit-learn
- Feature Engineering
- Model Training and Evaluation
- Data Pipelines

Visualization & Reporting

- Matplotlib, Seaborn

- Power BI

- Automated Data Profiling (YData Profiling)

Tools

- Git & GitHub

- Jupyter Notebook

SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Team Collaboration
- Fast Learning
- Effective Communication

Projects

Automated Machine Learning Data Pipeline

Technologies: Python

- Designed and implemented a modular data pipeline that automates data cleaning, validation, and preprocessing.

- Enabled analysts and data scientists to input raw datasets and receive analysis-ready data for EDA and machine learning workflows.

- Demonstrated understanding of reproducible data workflows and data engineering fundamentals.

Healthcare Data Analysis & Survival Analysis (Codveda Internship)

Technologies: Python, Pandas, Matplotlib, Seaborn, YData Profiling

- Conducted exploratory data analysis on a healthcare dataset during an internship at Codveda.

- Generated automated data profiling reports using YData Profiling to assess data quality, distributions, and correlations.

- Performed survival analysis to evaluate survival rates across different age groups and uncover health-related trends.

Experience

Data Analytics Intern — Codveda (Remote)

- Performed EDA on healthcare datasets to extract insights and assess data quality.

- Automated reporting workflows using YData Profiling.

- Applied statistical and survival analysis techniques to support data-driven insights.

Education

Bachelor's Degree in Data Science
KCA University — *3rd Year Student*

Certifications & Training

- **ALX Africa — Data Analysis & Python**

  - Data analysis, visualization, and statistics using Python, SQL, Power BI, and Excel

- **ALX Africa — Machine Learning (In Progress)**

- **Moringa School — AI Essentials**

Objective

Aspiring data scientist with hands-on experience in building machine learning applications and

AI-powered tools. Seeking opportunities to apply and grow skills in real-world data and AI projects.

Hobbies & Interests

Coding Projects : Enjoy coding and experimenting with python

Reading tech articles and books : Follow AI trends, industry blogs, and scientific discoveries

Sports especially football and mind-games such as chess.