

Weldon Langat - Data Science Specialist

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GitHub: github.com/langat01 | **LinkedIn:** linkedin.com/in/langat01 | **Portfolio:** langat01.github.io

Profile Summary

Results-driven Data Science Specialist with a strong background in data analysis, statistical modeling, and machine learning. Passionate about using data to uncover insights, drive business strategy, and build intelligent systems. Skilled in Python, SQL, and data visualization tools. Adept at communicating complex data findings clearly to stakeholders.

Experience

Data Analyst Intern

ABC Tech Solutions, Nairobi | Jan 2024 - Apr 2024

- Analyzed customer behavior patterns using Pandas and Seaborn.
- Built dashboards in Power BI, reducing reporting time by 30%.
- Cleaned and processed large datasets.

Freelance Data Consultant

Remote / Upwork | 2023 - Present

- Conducted exploratory data analysis (EDA) for small businesses.
- Built predictive models using Scikit-learn.
- Automated Excel reports with Python.

Education

BSc in Statistics / Computer Science

Egerton University, Kenya | Expected April 2025

- Final Year Project: 'Predictive Modeling of Crop Yields using Machine Learning'
- Relevant Coursework: Statistical Inference, Machine Learning, Data Mining, Database Systems

Skills

Programming: Python, R, SQL

Libraries/Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow (basic), Jupyter, Power BI

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Database: MySQL, PostgreSQL

Web: HTML/CSS, Git/GitHub

Soft Skills: Problem-Solving, Communication, Critical Thinking, Collaboration

Certifications

Google Data Analytics Professional Certificate - Coursera

IBM Machine Learning with Python - Coursera

Microsoft Power BI Essential Training - LinkedIn Learning

Projects

1. Student Performance Predictor

- Built a regression model to predict student exam scores.
- Technologies: Python, Scikit-learn, Pandas

2. Sales Dashboard

- Developed a Power BI dashboard for retail KPIs.

3. Crop Yield Prediction Model

- Used weather and soil datasets with Random Forest algorithm.

References

Available upon request.