Contact

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briannjenga751@gmail.com

www.linkedin.com/in/brian-
mwaura1 (LinkedIn)
www.brianmwaura.com (Portfolio)

Top Skills

Artificial Intelligence (AI)

GitHub

Data Annotation

Certifications

AWS Certified Cloud Practitioner

Accenture North America - Data
Analytics and Visualization Job
Simulation

British Airways - Data Science Job
Simulation

Applied Data Science

Brian Mwaura

Data Analyst | Python, SQL, AWS | Web Scraping & ML Projects |
Portfolio at brianmwaura.com
Kenya

Summary

I'm a data analyst with a background in statistics and a focus on
solving real-world problems using Python, SQL, and machine
learning.

My portfolio includes customer segmentation, housing
price prediction, sentiment analysis from scraped Amazon
reviews, and air quality forecasting. I document all my work
at www.brianmwaura.com, a Hugo site hosted on AWS (S3,
CloudFront, Route 53) with categorized project cards, visuals, and
business insights.

My technical toolkit includes:
• Python (pandas, NumPy, scikit-learn, seaborn, matplotlib)
• SQL & PostgreSQL
• Web scraping (Selenium, BeautifulSoup)
• AWS (S3, EC2, CloudFront, Route 53)
• Git, GitHub, Jupyter

I'm open to full-time roles, freelance work, or project collaborations in
data analytics or applied machine learning.

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Experience

Pareto.AI
AI Researcher
September 2025 - Present (2 months)

Evaluated AI agents by having them interact with simulated websites to test
how effectively an AI agent can perform realistic developer tasks such as
reviewing code, navigating repositories and managing pull requests.

Freelance
Freelance Data Analyst | Portfolio Projects
January 2025 - Present (10 months)

Built and deployed multiple data analytics projects using Python, SQL, and AWS. Projects include:

1. Nairobi Real Estate Price Modeling: Used linear and ridge regression to predict housing prices in Nairobi.

2. Customer Segmentation: Clustered UK online retail customers using K-Means and PCA for marketing strategy.

3. Amazon Review Analysis: Web-scraped reviews across pages, performed sentiment analysis, and translated results.

All projects are documented with code, visuals, and business impact at www.brianmwaura.com

RWS Group
Data Annotator
September 2025 - October 2025 (2 months)
Remote

WorldQuant University (Data Science Lab)
Data Science Apprentice or Lab Participant
December 2024 - June 2025 (7 months)
Remote

1. Completed 8 real-world projects, including housing price prediction, air quality forecasting, and customer segmentation.

2. Built predictive models using linear regression, decision trees, and GARCH for time series volatility.

3. Cleaned and wrangled datasets using pandas, NumPy, and SQL.

4. Created dashboards and visual reports for business insights.

5. Emphasized model evaluation, interpretation, and ethical considerations.

National Hospital Insurance Fund - Kenya
Data Collection Manager
August 2022 - October 2022 (3 months)
Nakuru, Kenya

Managed survey logistics and conducted field data collection for social health protection programs.
Applied statistical sampling methods and performed initial cleaning and tabulation.

Education

Laikipia University

Bachelor of Science - BS, Statistics · (September 2018 - December 2022)