Humphrey Waiharo Maina

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GitHub: 🔗 https://github.com/CyberPsychiatrist

Website: 🔗 https://cyberpsychiatrist.github.io/Portfolio/

Professional Summary

Data Analyst with expertise in AI-driven analytics, SQL, SPSS, and STATA. Experienced in transforming raw data into actionable insights through statistical modeling, machine learning, and interactive dashboards. Adept at leveraging AI tools such as Prompt BI, GPT and Github Copilot to automate workflows, enhance data-driven development and improve decision making. Passionate about applying emerging technologies to improve business performance and analytical efficiency.

Core Competencies

Data Cleaning & Transformation, SQL Query Optimization, Statistical Modeling (SPSS, STATA), AI Literacy, Governance & Automation, Machine Learning (Regression, Classification), Predictive Forecasting, Prompt BI Visualization, Research Design & Reporting, Python (Pandas, NumPy, Matplotlib)

Education

Bachelor of Science in Information Technology
Mount Kenya University — 2019 – Present

Kenya Certificate Of Secondary Education
E&T Concord Boys' High School— 2014 – 2017

Kenya Certificate Of Primary Education
SOS Hermann Gmeiner School — 2002 - 2013

Certifications

• AI Literacy Certification — Otermans Institute, 2025

• SQL for Data Analysis — Sololearn, 2023

• SPSS & STATA Statistical Analysis — Kesap Research Centre, 2025

• Full-Stack & AI for Software Engineering — Power Learn Project Africa (PLP), 2025

• PromptBi & DevFest Certificate

Professional Experience

Data Analyst
Prompt BI | Nairobi, Kenya — October 2025 – Present

• Analyzed datasets exceeding 100K records to identify business trends and optimize client reporting processes.

• Leveraged AI tools (Prompt Bi) to automate anomaly detection and data validation, enhancing efficiency.

• Developed interactive Prompt BI dashboards integrating real-time KPIs for business performance tracking.

• Participated in various hackathons including Mount Kenya PromptBi in Partnership with Google Developer Group(GDG) & DevFest

AI Ethicist & Governance Certified Course
Otermans Institute | United Kingdom August— 25 September 2025

• Completed a specialized course exploring the intersection of data science,ethics and AI governance

• Gained a strong understanding of responsible data practices, algorithmic fairness,bias mitigation,transparency and model accountability

• Developed skills in evaluating ethical risks and ensuring compliance with emerging AI regulations and governance frame works

• Apllied these principles to data-driven projects,promoting trustworthy and human-centered AI solutions

AI for Software Engineering & Full-Stack Developer
Power Learn Project Africa (PLP) | Nairobi, Kenya — July 2025 – November 2025

•Completed a comprehensive course in full stack web development with a specialization in AI for Software Engineering

• Gained hands-on experience designing and deploying scalable and data-driven applications that integrate AI models to enhance functionality and user experience

• Participated in hackathons and masterclasses focused on inovation, collaboration and real-world problem-solving

•Successfully graduated with a strong foundation in modern technologies,machine learning integration and data-informed software development practices

Site Manager
Pamuco Builders | Meru, Kenya — May 2023 – May 2025

•Worked with Pamuco Builders X Kenya National Highway Authority(KeNHA) in maintaining and constructing various projects around the country.

Full-Stack Developer / Landscaper
Hedges Care Limited | Nairobi, Kenya — Jun 2019 – May 2023

• Designed their AI powered and NFT based Plant Detector to aide and assist Landscapers and environment enthusiast design their natural habitats both for commercial and residential properties.

•Now environmentalists can pick plants suited for their area keeping in mind carbon emission and absorption .

Key Projects

• AI-Powered Dashboards For Business Insights— At Prompt BI we leverage the power of AI to come up with meaningful dashboards from KPI's to get insights on data and help businesses scale up on profits and performance.

• AI-Powered and NFT Based Plant Detector— Built a Plant & NFT-based Plant Detector integrating AI-driven computer vision and analytics to help landscapers and environmetalist choose appropriate plants for both residential and commercial properties aligned together with UNSDG 15 (Life on Land) and Power Learn Project Africa(PLP).

• Socioeconomic Data Analysis (STATA + SPSS) — Conducted regression and clustering analyses on household data to identify key determinants of income inequality.

Technical Skills

• **Programming & Databases:** SQL, Python,
• **Statistical Tools:** SPSS & STATA
• **Visualization:** Prompt BI, MatplotLib, Seaborn, Excel
• **AI Tools:** ChatGPT, Copilot, Perplexity AI, Ollama
• **Version Control:** Git, GitHub

Languages

• English — Fluent
• Swahili — Native

References

James Wekesa- Project Manager

Pamuco Builders

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Stanley Wandung'u- Project Manager

Hedges Care Limited

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