

Brilliant Jepkogei Kiptoo

Data Analyst

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[Home](#) [Statistician](#) [Business Analyst](#) [Data Scientist](#)

[SQL](#)[Power BI](#)[Excel](#)[Python](#)[Statistical Analysis](#)

Summary

Data Analyst with strong academic training in Statistics and Data Science and hands-on experience supporting operational and project reporting. Experienced in data collection, cleaning, validation, statistical analysis, and dashboard reporting to support management decision-making.

Core Skills

- Data collection, cleaning, validation, and integration
- SQL querying, aggregation, and variance analysis
- Statistical analysis and performance reporting
- Dashboard and report development
- Stakeholder support and insights communication

Tools

- SQL, Power BI, Excel
- Python (Pandas, NumPy)
- R, SPSS
- Git, Jupyter Notebook

- Google Workspace

Professional Experience

Data Analyst — Capstone Construction Limited

July 2022 – Present · Remote

- Collected, cleaned, validated, and integrated datasets from site reports, schedules, procurement, and financial records.
- Developed data collection frameworks to monitor project progress, cost performance, and resource utilisation.
- Applied statistical techniques to analyse trends, variances, and project performance.
- Maintained structured project databases ensuring data integrity and documentation.
- Produced dashboards, statistical reports, and analytical summaries for management decision-making.
- Provided data-driven insights and advisory support to project managers and engineers.

Economist / Statistician Intern — Kenya National Bureau of Statistics

June 2021 – June 2022

- Designed and administered data collection tools for surveys and research activities.
- Performed data entry, cleaning, validation, and quality control.
- Conducted statistical analysis using R, Python, and SPSS.
- Produced charts, tables, and visualisations for analytical reports.

Junior Statistician — Kenya Forestry Research Institute (KEFRI)

June 2019 – May 2021

- Supported field data collection and survey implementation.
- Cleaned, validated, and analysed research datasets.
- Prepared charts, tables, and inputs for technical reports.
- Supported monitoring and evaluation activities.

Education

- **Master of Data Science and Innovation** — University of Technology Sydney (2023–2024)
- **Bachelor of Science in Statistics** — Meru University (2013–2019)

Certifications & Development

- Member, Statistics Club — Meru University
- Professional Development in Data Science & Analytics

Projects

- **Eat Well, Live Well:** Built a machine learning model to predict obesity and diabetes risk and deployed a Streamlit application.
- **CSV Explorer:** Developed an interactive Streamlit app for exploring uploaded CSV datasets.
- **Sentiment Analysis Tool:** Analysed financial news sentiment using Doc2Vec and LSTM models.

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