

John Karuitha

Finance And Data Analysis Professional

Proficient researcher in financial economics providing data-driven, action-oriented solutions to business problems through data analysis and business research. With the ability to deliver insights, interrogate data, and communicate results to a non-technical audience and stakeholders. Adept at conducting interviews, literature reviews and data synthesis and analysis. Well-versed in creating efficient systems to organize and manage data. Capable of providing valuable insights through forecasting/ prediction, producing reports and dashboards on KPI by applying statistical techniques such as A/B tests, inference, time series or regression analysis. With the ability to lead, train and mentor team members.

Work History

2022-02 -
Current

Macroeconomic Statistician- Sovereign Debt

Trounceflow, Remote, London (UK)

- Accurately and efficiently gathers sovereign debt data from Central Banks PDF reports for different countries and cleans the data using the R Programming language.
- Creates 5 spreadsheets using Microsoft Excel for weekly dissemination of data collected.
- Gathers, arranges, and corrects research data to create representative graphs and charts highlighting results for presentations.

2012-01 -
Current

Tutorial Fellow

Karatina University, Karatina, Kenya

- Evaluates and revises lesson plans and course content to achieve student-centered learning.
- Uses variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
- Delivers lectures in finance and accounting to classes averaging 40 students.

Contact

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Phone

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E-mail

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Twitter

@kingzz2005

LinkedIn

linkedin.com/in/Karuitha

WWW

www.github.com

Software

R

●●●●●
Excellent

R Markdown

●●●●●
Excellent

Ms Excel

●●●●●
Very Good

SQL

●●●●●
Good

Git/GitHub

●●●●●
Good

Stata

●●●●●

- Oversees 8 undergraduate student projects annually and advise on focus, methodology and report generation to meet preset standards.
- Grades assignments according to strict institutional policies and upheld guidelines for academic integrity while disciplining plagiarism and cheating accordingly.
- Participates in 2 academic and professional conferences annually to remain aware of developments related to evolving finance field.
- Publishes research articles in refereed journals as part of university research agenda.
- Participates and leads committee meetings to review 3 old curricula and design 2 new curricula in business education.

2017-01 -
2021-12

Graduate Research Assistant

*University of the Witwatersrand, Johannesburg,
Johannesburg, Gauteng*

- Researched information regarding Financial Economics and completed administrative duties to assist professors with academic pursuits.
- Gathered, arranged and corrected research data from The IMF, World Bank, MIX Market, BankScope and Bloomberg to create representative graphs and charts highlighting results for presentations.
- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.
- Performed statistical, qualitative and quantitative analysis using R Programming language, Stata, Eviews, and Ms Excel.
- Attended seminars and symposiums in Economics, Econometrics, and Finance to improve overall knowledge and understanding.

2011-01 -
2012-09

Adjunct Lecturer, Accounting & Finance Department

Egerton University, Nakuru, Kenya

- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Used variety of learning modalities and support

Average

Eviews



Bash



Skills

Research and analysis



Literature reviews



Research design



Research reporting



Analytical and Critical
Thinking



Training and Development



Financial administration



GAAP



Accounting principles



Quantitative analysis



Financial Management



Budget forecasting



Strategic and financial
planning



materials to facilitate learning process and accentuate presentations.

- Delivered lectures to finance and accounting students.
- Oversaw graduate student projects and advised on focus, methodology and report generation to meet preset standards.

2009-10 -
2010-12

Project Manager, Environment and Livelihoods

NECLI CBO, Kinamba, Kenya

- Developed and initiated projects, managed costs, and monitored performance for the US\$ 200,000 program.
- Updated operational methods, oversaw accounting procedures in Microsoft Excel, tracked information and compiled data to improve efficiency in project delivery.
- Reported regularly to donors (European Union, EU, Danish Development Agency DANIDA, and CDTF), the board, and stakeholders on project budget, progress and technical problems.
- Adhered to budget requirements with excellent planning and consistent expense monitoring while meeting the set milestones.

2008-01 -
2009-09

Finance Officer

Twana Twitu Cares, Nairobi, Kenya

- Established and enforced controls on revenue and expenses to protect company assets.
- Monitored budget, revenue and variance trends for \$300,000 AED/USAID and AMREF grants, regularly apprising CEO and the board of company's financial standing.
- Used QuickBooks to prepare monthly reconciliation of bank accounts and take corrective actions on deviations.
- Verified compliance of financial policies and accounting procedures against USAID regulations.

2006-04 -
2006-12

Research Assistant

Kenya Institute of Public Policy Research and Analysis

Financial analysis and reporting



Statistics



Development Activities



Data Profiling



Data Formatting



Data Quality Assurance Processes



Data Collection



Process Mapping



Defect Tracking



Languages

English



Excellent

Kiswahili



Excellent

Kikuyu



Excellent

(KIPPRA), Nakuru, Kenya

- Worked with principal investigators to coordinate qualitative research into public finance, devolved funds.
- Supported design and implementation of survey instruments such as questionnaires to obtain study information.
- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.
- Planned, modified and executed research techniques, procedures and tests.

**2001-06 -
2004-08**

Teacher

Tandare Mixed Day Secondary School, Kinamba, Kenya

- Communicated frequently with parents, students and faculty to provide feedback and discuss instructional strategies.
- Planned and implemented integrated lessons to meet national standards.
- Implemented and encouraged debate-style classroom environment to increase student engagement and promote critical thinking.
- Held conferences with parents to address questions, discuss academic progress and encourage learning goals.

Certifications

2022-03	Harvard University on EdX: Professional Certificate in Data Science.
2022-02	Datacamp: Data Scientist with R.
2022-02	MIT on EdX: 15.071X: The Analytics Edge.
20212	Datacamp: Data Analyst with R.
2022-06	Emory University: Reproducible Templates for Analysis and Dissemination.
2008-06	Certified Information Systems Auditor (CISA).
2009-06	Certified Public Accountant of Kenya (CPA-K).

Education

2017-01 -
2022-07

Ph.D.: Financial Economics

*University of The Witwatersrand, Johannesburg -
Johannesburg, South Africa*

- Dissertation: Empirical Evaluation of the Possible Impacts of the Transformation of Microfinance Institutions in Africa.

2004-08 -
20060

MBA: Finance

Egerton University - Nakuru, Kenya

1997-08 -
20010

Bachelor of Education, Arts: Math & Economics

Egerton University - Nakuru, 31

Awards

- 2021: Africa Economic Research Consortium, AERC research grant (US\$): (3,000).
- 2020: Banking Sector Training Authority, South Africa (US\$ 10,000).
- 2019: Bradlow Foundation (US\$ 10,000).
- 2017-21: Post-Graduate Merit Award, Wits University (US\$10,000).
- 2007-08: Top 5 student in Kenya, CPA Section 1 & 2 Examinations.

Data Projects

Visit www.rpubs.com/Karuitha for more projects.

1. Beer Debate: Analyzing Consumer Ratings of Beers on BeerAdvocate.com.
2. Who's the Fastest of All? Analyzing the 100 Meters Men's Sprint Data.
3. Reducing the Number of High Fatality Accidents in the UK
4. Gathering Data from Websites Using R Programming language.
5. Getting Started With TidyModels.

Newspaper Opinion Pieces

I have written 7 articles several dailies. Visit my LinkedIn profile for a full listing.

1. Youth and the Digital Economy in Africa. Africa Portal, June 1, 2020.
2. Why fintech lending could push the poor into debt trap. Business Daily, April 2, 2019.

Research Articles

I have three research articles with three more articles in progress to be completed in 2022.

1. Karuitha, J. K., & Onyuma, S. O. (2013). Management of Financial Crises: Priorities for Rebuilding the Financial Architecture in Africa. African Management Development Review, 10(4), 34-49.
2. Karuitha, J. K., Onyuma, S. O., & Mugo, R. (2013). Do Stock Splits Affect Ownership Concentration of Firms Listed at the Nairobi Securities Exchange? Research Journal of Finance and Accounting, 4(15), 105-117.

Interests

Swimming. Fitness Training. Athletics. Music.

Referees

Available upon request