

JOB DESCRIPTION

Position: Economist/ Statistician

Contract Type: Part-time, Telecommute

Summary: Voluntary Unpaid Position

Reports To: Lead Economist

Effective: ASAP

Organizational Context

AfricaIQ is offering an exciting and challenging opportunity to work on African data for an experienced economist/statistician. You will be working in a team with other PhD economists/statisticians on constructing a comprehensive index measuring the state of economic development/evolution of the various national economies on the African continent.

About Africa IQ: Africa IQ is a non-profit organization with a mission to create an Africa beyond aid. We provide access to impartial business intelligence in order to attract and sustain investment in African markets. At the core of our mission is the belief that business rather than aid is the most effective path to sustainable economic growth and development. So we created Africa IQ with the priority to build investor confidence in African markets. We achieve this by providing access to credible and impartial investment intelligence, which has the power to inspire action, change attitudes, and ultimately lead to increased investment in the continent. For more information, visit: www.africaiq.org

Key Responsibilities

The candidate will work in a team of 5 economists/statisticians, and take the full responsibility of developing the index for at least 1 African country, possibly 2-3.

The work will involve:

- Data collection, validation and mining
- Statistical modeling (including Bayesian techniques, Kalman filter, state-space models, panel data techniques)
- Evaluation of data collection methodologies/techniques
- Report writing including academic reports
- Presentation of findings at academic-and investor-related conferences
- Engagement with relevant stakeholders (including, African Development Bank, Mo Ibrahim Foundation, World Economic Forum, World Bank, IMF etc.)

Core Competencies Required

Working with African data is sometimes challenging, so the candidate must be creative and flexible in searching for relevant data, and feel confident evaluating different sources. Moreover, he/she must be prepared to present the results at a range of high-profile meetings, workshops, and conferences.

The ideal candidate will:

- Hold an advanced MSc or PhD in economics, econometrics, statistics, or applied mathematics.
- Have several years of experience in collecting international economic/socio-economic data. Extended experience collecting African economic data is a real plus.
- Be experienced in managing large datasets and capable of using and merging multiple data sources at the same time.
- Hold prior knowledge and/or experience in statistical modeling techniques such as panel data models, state-space models, unobserved component models, Bayesian techniques, Kalman filter, extrapolation/intrapolation methods, VAR/VECMs.
- Has written several academic papers of international standards. If you moreover hold a track record of published papers, even better.
- Hold significant experience in presenting research at conferences and workshops, either academic or professional.
- Be confident in engaging with high-profile academics, professional economists, and international organizations.
- And most importantly, the candidate should enjoy working in a global and multicultural environment.

Application Process

Please send a letter of interest and resume to: info@africaiq.org