| IDENTIFICATION | |
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| JOB TITLE | Data Analyst |
| REPORTING TO | M&E Manager – Global Health Security (GHS) |
| DEPARTMENT/UNIT | Global Health Security |
| DURATION OF CONTRACT | One (1) Year, ending 31st December 2025 |
| DUTY STATION | Amref Health Africa Headquarters, Nairobi, Kenya |

*This position is available for immediate hiring, with an expected start date of January 15, 2025.*

BACKGROUND

Amref Health Africa was founded in 1957 and has since grown to become the largest African-based international health development organisation; currently implementing more than 180 programs, reaching more than 40 million people across 35 African countries; and a staff complement of over 2,000. Headquartered in Nairobi, Kenya, Amref Health Africa has offices in ten countries in Africa – Burkina Faso, Ethiopia, Guinea (Conakry), Kenya, Malawi, Senegal, South Sudan, Tanzania, Uganda and Zambia. An additional eleven advocacy and fundraising offices are located in Europe and North America.

Amref Health Africa is driven by its vision of *'Lasting health change in Africa'* and its mission *'To catalyze and drive community-led and people-centred health systems while addressing social determinants of health'*. We believe that the power to transform Africa's health lies within its communities, and therefore strive to ensure that health systems are not only functional but that communities are empowered to hold these systems accountable for the delivery of quality and affordable health care.

The Global Health Security (GHS) in Amref HQ, seeks to build strong and resilient public health systems to prevent, detect, and respond to infectious disease threats, wherever they occur. The Unit in collaboration with Amref country offices and implementing partners coordinates and strengthens the capacity of health systems to reduce vulnerabilities to emerging and re-emerging disease threats for communities in sub-Saharan Africa. To address the increased threat to disease outbreaks, the unit is implementing a number of initiatives complementing the efforts of regional partners such as the Africa CDC, national players through the Ministries of Health and other strategic partners to protect lives and livelihoods of people in sub-Saharan Africa.

The Saving Lives and Livelihoods project is a joint programme between Africa CDC and the Mastercard Foundation launched in June 2021 to save the lives and livelihoods of millions of people in Africa and hasten the economic recovery of the continent from COVID-19 pandemic. In phase I, the USD 1.5 billion unprecedented partnership supported the COVID-19 vaccination of more than half of Africa's target population, trained, equipped, and deployed 40,000 healthcare workers, created 25,000 additional jobs in the health sector, and expanded Africa's genomic testing laboratories from 2 to 40.

Phase II will be a continuation of the commitments made under phase I and will primarily focus on pandemic preparedness and readiness through basic health and security, which enables broader community education. Additionally, the programme will primarily focus on strengthening Africa's ability to respond to future pandemics through programmatic activities designed to build and protect the health workforce, as well as improving the lives and livelihoods of Africans. Amref Health Africa is amongst the key partners supporting

COVID-19 vaccination in 22 countries in Eastern, Southern and western Africa. Under this programme, Amref along with other local implementing partners will be focusing on protecting Health Care Workers and Pandemic Preparedness while supporting iintegration of COVID-19 Management into Routine Immunization.

**JOB PURPOSE**

The Programme Data Analyst will work closely with the M&E Manager for the SLL programme and the implementation team as well as supporting the SLL M&E country teams and implementing partners. The role of the analyst will be to collect, manage, quality assurance, analyze and interpret all programme related datasets. The insights gathered from the data will be used to support informed decision-making across the programme. The analyst will collaborate with the programme team to develop data-driven solutions and effectively communicate the findings to stakeholders. The ideal candidate should have strong analytical skills, proficiency in data manipulation and visualization techniques. Additionally, the candidate should be able to work independently as well as part of a team.

**DUTIES AND RESPONSIBILITIES**

**Data collection and integration**
- Collect, clean, and pre-process data from various sources, including databases, spreadsheets, APIs, and external datasets.
- Integrate data from disparate sources to create comprehensive datasets for analysis.

**M&E Implementation**
- Support project design activities including development of project theories of change and strategic frameworks (Results Frameworks, Log Frames etc.)
- Support AIMs and work with data platforms, databases and select technologies to capture and organize data
- Oversee and execute M&E activities included in the SLL programme Plans, with particular focus on results, impacts, best practices, lessons learned, emerging issues and setbacks in implementation

**Data Analysis and Interpretation**
- Perform descriptive and exploratory data analysis to identify patterns, trends, and correlations within the data.
- Apply statistical techniques and machine learning algorithms to extract meaningful insights and predictive models.
- Conduct hypothesis testing and sensitivity analysis to validate findings and assess uncertainty.

**Dashboard Development and Visualization**
- Design and develop interactive dashboards and reports to visualize key performance indicators (KPIs) and metrics.
- Utilize data visualization tools (e.g., Tableau, Power BI) to create compelling visualizations and story telling that facilitate understanding and decision making.

**Data Quality Assurance**
- Ensure data integrity and accuracy by implementing data validation checks and quality assurance processes.
- Identify and resolve data inconsistencies, outliers, and missing values to maintain data reliability.

**Collaboration and Communication**

- Collaborate with stakeholders across the unit/programme to understand business requirements and translate them into data analysis projects.
- Communicate analysis results and insights to non-technical audiences through clear and concise reports, presentations, and visualizations.
- Provide guidance and support to colleagues on data-related issues and best practices.

**Continuous Improvement**

- Stay informed about advancements in data analytics techniques, tools, and technologies.
- Identify opportunities for process improvement and optimization through data-driven approaches.
- Actively contribute to the development of data analytics strategies and initiatives to drive organizational growth and innovation

**REQUIREMENTS**

<u>**Education and Experience**</u>

- Bachelor's degree in Data Science, Information Management, Computer Science, Statistics, Development economics, Epidemiology or a related field
- Minimum five (05) years proven experience as a Data Analyst or similar role, with a strong track record of data analysis and interpretation.
- Multi-country experience is a requirement.
- Detailed knowledge of key M&E concepts, tools and best practices; experience working with both quantitative and qualitative data collection and analysis methodologies; familiarity with routine management of information systems.
- Experienced working with District Health Information Systems (DHIS) across different countries will be an added advantage
- Proficiency in programming languages such as Python, R, SQL, or similar for data manipulation and analysis.
- Experience with data visualization tools such as Tableau, Power BI, or similar.

<u>**Knowledge, Skills and Competencies**</u>

- Knowledge of statistical techniques, machine learning algorithms, and data mining methodologies.
- Excellent analytical and problem-solving skills, with the ability to translate complex data into actionable insights
- Strong communication and interpersonal skills, with the ability to collaborate effectively with cross functional teams.
- Attention to detail and a commitment to maintaining data integrity and quality.
- Ability to manage data from multiple projects/countries simultaneously and meet deadlines in a fast-paced environment

**HOW TO APPLY**

Interested? Please visit our website https://amref.org/vacancies/ to make your application. You will be directed to our online portal where you will need to create an account in order for you to be able to submit your application. Your application should include a cover letter detailing why you are the best fit for this position and your CV with relevant skills and experience. The closing date will be **25th December 2024**. Only shortlisted candidates will be contacted.

*Duly note that Amref Health Africa does not require applicants to pay any money at whatever stage of the recruitment and selection process and has not retained any agent in connection with recruitment. Although Amref may use different job boards from time to time to further spread its reach for applicants, all open vacancies are published on our website under the Vacancies page and on our official social media pages. Kindly also note that official emails from Amref Health Africa will arrive from an @amref.org address.*

*Amref Health Africa is committed to safeguarding and promoting the welfare of children, young people and vulnerable adults and expects all staff to share this commitment. Amref Health Africa is an equal opportunity employer and has a non-smoking environment policy.*