

**LIRA UNIVERSITY
FACULTY OF PUBLIC HEALTH
CENTRE FOR SEXUAL AND REPRODUCTIVE HEALTH AND RIGHTS (SET-SRHR)**

JOB ADVERT NO. 002

Exciting Job Opportunity at the Centre for SET-SRHR, Lira University

About the SET-SRHR Centre

The Centre for Sexual and Reproductive Health and Rights (SET-SRHR) at Lira University is a multidisciplinary hub established to strengthen Sexual and Reproductive Health and Rights (SRHR) education, training, research, and south–south collaboration. The Centre plays a leading role in advancing evidence-based SRHR interventions across Northern Uganda, nationally, and throughout Africa.

Position: Data Scientist

Number of Positions: 2

Duty Station: Lira University, Lira City, Uganda

Gross Monthly Salary: Attractive and based on work experience

Job Purpose

The Data Scientist will provide technical support to two major projects hosted at the SET-SRHR Centre — the **M-CARE Project** and the **CAFFP-PAC Project** — through data collection, management, analysis, visualization, and interpretation.

The **M-CARE Project** is a multi-country initiative (Ghana, Kenya, and Uganda) focused on improving primary health care for adults living with multiple long-term non-communicable diseases (NCDs) such as diabetes, hypertension, and mental health conditions. In Uganda, the project operates in Lira, Kole, and Oyam districts to strengthen the integration of cardiometabolic and mental health services at the primary care level.

The **CAFFP-PAC Project** aims to improve adolescent sexual and reproductive health outcomes in Northern Uganda by integrating Comprehensive Adolescent-Friendly Family Planning and Post-Abortion Care (CAFFP-PAC) into public primary health facilities using a Citizen Science Gender-Transformative Approach (CS-GTA).

The successful candidates will contribute to both projects by managing complex datasets, applying data science and analytics techniques, and generating insights to inform evidence-based decision-making and improve service delivery.

Key Duties and Responsibilities

- Collect, clean, and organize large datasets from various sources to ensure quality and usability.
- Conduct exploratory data analysis to identify trends, patterns, and anomalies.
- Develop and apply statistical models and machine learning algorithms for predictive analytics.
- Design and generate regular and ad hoc reports and dashboards for program monitoring and evaluation.
- Support the integration of data analytics into project operations and monitor performance metrics.
- Collaborate with multidisciplinary teams to assess data needs and provide analytical support.
- Ensure compliance with data quality standards, security protocols, and the Uganda Data Protection and Privacy Act.
- Maintain accurate and confidential data records, models, and analytical outputs.
- Participate in training and capacity-building activities to enhance data literacy within the Centre.

Person Specifications

Academic Qualifications

- Bachelor's degree in **Statistics (with a focus on Statistical Computing), Computer Science, Computer Engineering, or Information Technology.**
- A **postgraduate qualification in Monitoring and Evaluation, Data Science, Information Technology, or Computer Science** will be an added advantage.

Work Experience

- Demonstrated experience in **health information systems, data management, or data science** within a reputable organization.
- Proven ability to work independently and manage multiple tasks and projects concurrently.

Key Competencies

- Proficiency in data analysis and programming languages (e.g., Python, R, or SQL).
- Experience with big data tools and data visualization platforms (e.g., Power BI, Tableau).
- Strong analytical, problem-solving, and critical-thinking skills.
- Excellent communication and presentation abilities.
- Ability to maintain confidentiality and uphold data integrity.

- Strong interpersonal skills and a collaborative team spirit.

Application Requirements

Interested candidates should submit:

1. A **cover letter** demonstrating suitability for the role and understanding of the project objectives.
2. A **detailed curriculum vitae (CV)**.
3. **Copies of academic certificates and transcripts.**
4. A **recommendation letter** from a recent or former employer

How to Apply

Applications should be submitted electronically to:

bomech@lirauni.ac.ug

cc: manyolitho@lirauni.ac.ug

Email Subject: *Application for Data Scientist – SET-SRHR Centre*

Deadline for Submission: **Wednesday, 30th October 2025, by 5:00 PM (EAT**

Only shortlisted candidates will be contacted.

Lira University is an equal opportunity employer. Female candidates are strongly encouraged to apply.