

# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (Full-Time)**, to work on an NIH-funded research project, entitled ‘**eLwazi Open Data Science Platform (eLwazi ODSP)**’ for a contractual period of 12 months.

### Qualifications Required

- A degree in Computer Science, Applied Computing, Software Engineering, Information Systems, Bioinformatics or any equivalent qualification.

### Profile

Candidates must have:

- Research and communication skills
- Analytical skills and adequate knowledge in the relevant field of Research.
- Very good programming skills, especially in Python and R.
- Practical knowledge of data science and machine learning.
- Ability to work in a multi-cultural team across various time zones.
- Experience of working with health and genomics data will be desirable.
- Familiarity with the use of version control systems such as GitHub will be desirable.
- Familiarity with unix / Linux command line and cloud computing platforms will be desirable.

### Responsibilities and Duties

- The RA is required to contribute to the ‘**eLwazi Open Data Science Platform (eLwazi ODSP)**’ project and other genomics-related data science activities being undertaken by the PI, Dr. Shakuntala Baichoo.
- The RA duties include the implementation, development and provide user support for a variety of Data Science tools and genomics analysis workflows for analyzing African health and genomics data, as part of the main project ‘**Data Science Initiative in Africa (DS-I Africa)**’.
- The RA is also expected to contribute to Report and Manuscript Writing.

### **Remuneration**

A monthly all-inclusive allowance of Rs27,400/-, plus salary compensation at approved rate, plus travelling expenses by bus.

### **Duration of Contract**

Appointment will be offered for an initial contractual period of 1 year. The proposed starting date will be 1<sup>st</sup> September 2023.

### **Further Information and/or Clarification**

Any request for further information and/or clarification should be directed to Assoc. Prof. Shakuntala Baichoo via email (shakunb@uom.ac.mu) with subject line: **“Request for information/clarification on eLwazi ODSP”**.

### **Mode of Application**

Letter of application together with a detailed *Curriculum Vitae* and scanned copies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should reach **shakunb@uom.ac.mu** and copied to deanfoicdt@uom.ac.mu by **15<sup>th</sup> July 2023** at latest.

The email should have the subject **“Research Assistant for the Project eLwazi ODSP”**.

Applications received after the closing date will not be considered.

The University reserves the right:

- to call for interview only the most appropriate and best qualified applicants.
- not to make any appointment because of this advertisement.
- to conduct a written/aptitude test as and when required.

**Dean, Faculty of Information, Communication and Digital Technologies**

**23-June-2023**