



**JOB ADVERTISEMENT FOR DATA COLLECTORS TO WORK ON RESEARCH
PROJECT ENTITLED:**

**PREDICTION AND CLASSIFICATION OF HEART FAILURE IN RWANDA USING
HYBRID MACHINE LEARNING ALGORITHM**

Background

The University of Rwanda is striving to become a research-lead University towards a worldwide research corp. To achieve this target, the faculty members are encouraged to initiate, plan and implement research projects that would contribute to knowledge in general and impact Rwandan socio-economic transformation;

Since the establishment of UR in 2013 up to now, the University has implemented several research projects in the areas of Health, Education, Environmental Management, engineering, economics and others.

In November 2019, the University of Rwanda has signed an agreement with the National Council for Science and Technology (NCST) supporting a PhD student project entitled "*Prediction and classification of heart failure in Rwanda using hybrid machine learning algorithm*". It aims to develop a machine learning hybrid model to be used to predict and classify HF in Rwanda, therefore save the lives of hundreds of Rwandans and reduce a dependence and high costs of care for patients with HF.

It is against this background that the University of Rwanda inform the General Public that is recruiting data collectors in line with the above-mentioned research project. The table below shows the areas of interest in this regard.

Area and requirements

Domain	Research area	Requirements	Number
Health	Medicine	At least a finalist student or graduand in general medicine. More than that requirement is an added value	3
	Nursing	A0/ A1, in General Nursing. More than that requirement is an added value	4
Statistics	Statistics and data Management	BSc in Statistics with experience in retrospective studies.	1
Arts and humanities	Education	A2 TTC, EKK and MPC or undergraduate student in education. More than that requirement is an added value.	3
Economic and Business studies	Finance	A0	2



Other requirements

Applicants should have, in addition to the above requirements, the following requirements: - Have a maximum of 35 years old at the time of application, - Not have any other engagement for the period of all 30 days of data collection. At the time of appointment/contract, candidates will be required to sign on a full availability form.

Application procedures

Interested and qualified candidates should apply electronically by sending a PDF format of following documents to infospiu@gmail.com and urspiucoor@gmail.com

with a copy to academicdocument1@gmail.com

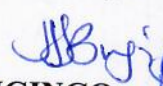
1. A detailed CV
2. A copy of academic degree or a To whom it may concern (not exceeding 6months)
3. A copy of ID or passport

The deadline for submission of application is fixed on **Tuesday 4th February 2020 at 5:00Pm** Rwandan Time.

For any technical support please call (+250) 788696737 or (+250) 783136766.

Only Shortlisted candidate will be invited for written and oral exam.

Done at Kigali on January 27, 2020


Immaculate BUGINGO
Coordinator
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