

Inter - Universities

Big Data HACKATHON 2025

BACKGROUND

The National Institute of Statistics of Rwanda (NISR) is thrilled to announce 2025 Big Data Hackathon, designed to engage university students in developing innovative data-driven solutions. This hackathon brings together innovators and data enthusiastic students to tackle major challenges facing Rwanda today. Participants are encouraged to find data which can help them tackle their chosen challenge and provide a data science solution.

COMPETITION TRACKS

 Track 1: Data for Export Growth:

Challenge: Identify Rwanda's next big export opportunity.

 Track 2: Ending Hidden Hunger:

Challenge: Address micronutrient deficiencies.

 Track 3: Climate Resilience and Disaster Risk Management:


Challenge: Build tools for climate risk prediction and community resilience.

 Track 4: GIS Innovative Challenge:

Challenge: Build a spatial sampling frame for agricultural survey data collection (Season C).

 Track 5: Open Innovation: Mobile/Web-Based Data Solutions:

Challenge: Create innovative mobile/web applications aligned with Rwanda's development goals.

 Detailed information is available on the NISR website at [www.statistics.gov.rw](https://statistics.gov.rw) or through the following link:
<https://statistics.gov.rw/about/hackathon/2025-hackathon-competition>

INTERNSHIP OPPORTUNITY

Final-year students from winning teams will be awarded professional internships after graduation, and the best fresh graduates will also be offered professional internships at NISR.



1 Gain hands-on data skills
for your future career



2 high-quality laptops
To each member of the Top 3 team



3 Certificates of Achievement
For all finalists (Phase 1 and 2)



EVALUATION CRITERIA

RELEVANCE TO THE THEME	<div></div>
DATA UTILIZATION AND ACCURACY	<div></div>
USER INTERFACE (UI) AND USER EXPERIENCE (UX)	<div></div>
CREATIVITY AND INNOVATION	<div></div>
DESIGN & HIERARCHY	<div></div>
IMPACT AND SCALABILITY	<div></div>

IMPORTANT DATES



ENTRY INFORMATION

- Competition is open to all undergraduate and Recent graduates (graduated in 2024 and 2025) or master's students, regardless of their field of study.
- Fresh graduates from fields related to Data science, Statistics, Economics, Mathematics, IT, Information Systems, and Web development are encouraged to apply.
- Students from the final year and female participants are encouraged
- Students must have a student card or other official document confirming their eligibility. Fresh Graduates must have a degree or other document confirming that they graduated from the university in either 2024 or 2025.
- For students, form a team of 2 from any university. Fresh graduate participation is individual, and their evaluation will be different for student.
- Participants are allowed to use any programming language of their interest.
- Submissions for the hackathon will be expected as a GitHub-deployed app link and documentation
- By entering the competition, the entrants agree to grant permission to NISR to use and reproduce their work, with appropriate acknowledgment.
- Plagiarism is prohibited. You must declare that the submission is your own work and that all sources of reference are acknowledged in full. Failure to do so will result in disqualification.

Questions can be sent to **0786872057** (Call/WhatsApp)

The event is
jointly organized by:



Office for
National Statistics