NISR NATIONAL INSTITUTE OF STATISTICS OF RWANDA

Office for National Statistics

HACKATHON 2024

"Develop a data science solution to a problem facing young people today"

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Challenges

Select a common issue faced by Rwandan youth (0-25) and offer a data science solution (e.g., unemployment, poverty, teenage pregnancy).

Highlight a less-recognized or emerging issue affecting young Rwandans and propose a data science solution.

Hints

In this context a data science solution means using data analysis, visualization, or modelling to:
- Gain new insights about the problem
- Make predictions related to the problem
- Propose data-supported interventions to address the problem

Schedule

○ 7th Oct 2024: Competition opens, registration begins, initial datasets released.

○ 14th Oct 2024: Explanatory Webinar.

○ 10th Nov 2024 (Midnight): First stage submission deadline.

○ 20th Nov 2024: Boot camp finalists announced.

○ 1st-10th Dec 2024: Bootcamp

○ December Date To be communicated: Awarding ceremony.

Eligibility

○ Teams of 3 students, including 1 final year Rwandan Student
○ Proof of student status required.
○ Submission: GitHub link (script) and online dashboard.

Evaluation Criteria

1. Relevance to the theme
2. Data utilization and accuracy
3. User Interface (UI) and User Experience (UX)
4. Creativity and innovation
5. Impact and Scalability

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Prizes

The best quality laptops and other communication devices will be awarded to the first three winning teams. Final-year Rwandan students from the winning teams will be eligible for professional internships at NISR upon completion of their education among other potential opportunities.