

## **Project Title: Data Privacy and Protection**

### **Background**

Non-governmental organizations (NGOs) often collect and store sensitive personal data of their beneficiaries, including refugees, victims of war, and those in other vulnerable situations. Cyberattacks on NGOs that compromise this data can have severe consequences for the affected individuals, including identity theft and financial fraud. In January 2023, the International Committee of the Red Cross (ICRC) experienced a major cyberattack that compromised the data of over 500,000 individuals in need. In response, Cio Mag, in partnership with the National Commission for the Control of Personal Data Protection (CNDP) and the Mohammed VI Polytechnic University, is organizing the first Hack4Ngo event at Gitex Africa to promote open innovation and develop solutions to prevent such attacks in the future.

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### **Deliverables:**

The project team will deliver a machine learning model that can detect and prevent cyberattacks on NGO personal data, along with a report outlining the model's performance and recommendations for further improvements. The model will be tested using real-world data provided by participating NGOs, and the team will work with the NGOs to implement the model in their network infrastructure. The team will also participate in the Hack4Ngo event and share their findings with other participants.

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### ***Budget:***

The project budget is \$100,000, which will cover personnel costs, hardware and software expenses, and travel costs for the Hack4Ngo event. The project team will consist of three data scientists and a project manager.