

Technology Lead Assessment

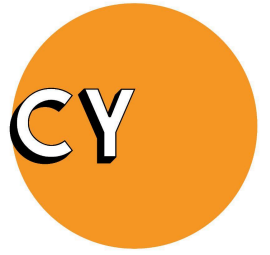
Background:

Thank you for your interest in the Technology Lead role at Pollicy. As part of this role, you will work closely with the data products team towards supporting the building of Pollicy's AI and data products portfolio. For this initial assessment, you are required to develop a simple wireframe and a one page write up explaining which of your skills and tools you will employ in fulfilling this task;

1. Problem Definition:

Online Gender-Based Violence (OGBV) in Africa is a significant issue exacerbated by the rapid growth of internet access and mobile technology. OGBV encompasses various harmful behaviors, such as harassment and cyberbullying, which disproportionately affect women and marginalized gender groups. Cultural norms, socio-economic factors, and inadequate legal frameworks contribute to the prevalence and underreporting of OGBV, making it crucial to develop region-specific tools to address this problem.

Creating a repository of OGBV lexicons tailored to African languages and contexts is vital for improving the detection and understanding of online violence. As the Tech Lead, your first role will be supporting the development of Pollicy's OGBV lexicon repository. This repository will enhance NLP models' ability to identify OGBV, raise awareness, and support victims through more accessible reporting tools. Additionally, it



will provide valuable data for policy-making and advocacy efforts, helping to create safer online environments and stronger legal protections against OGBV in Africa.

2. The Task:

Develop a simple wireframe for what this repository might look like. You can use a preferred online tool or simply sketch it by hand. This assessment is meant to assess your creativity and innovation regarding elements like features of the repository, overall design/UI and your overall understanding of the project.

(Bearing in mind that this will be one of the tasks you start with - should you be selected for this role). Describe how you would employ your current skill set to bring this repository to life. For each description attach a technology or tool that you would use and why. This section is meant to assess how your current skill set can be beneficial to Pollicy's work.

Where necessary screenshots or links to external resources employed in the ideation of your assessment response can be added.

Good luck and Be Innovatie. Submissions will be reviewed on a rolling basis until August 8,2024.