

Agbeli Ameko

Mentor 1: Dr. Mohamed Elbakary, ECSU

Mentor 2: First Last Name - Affiliation

Home Institution: Howard University, Applied Data Sci & Analytics

Target Course: Intro to Open Source Future: Decolonizing Technology & Data Sovereignty

Target Course Number: DATA 500

Anticipated Enrollment: 15-25 Spring or Fall semester

Science Gateways Resource Needs/Questions:

- *Jetstream2: VMs, JupyterHub, Docker, metabase, Ollama/AI*
- *Backup classroom server & remote compute*
- ...

Project Goals:

- *Understand local open-source tools, OS, automations, and ethical computing vs digital colonialism*
- *Tour of useful open source data skills via JupyterLab, Metabase, Python for Environmental Justice analysis*
- *Critical analysis of big tech power and building confidence to utilize open source solutions*
- *Add additional goals from the poster*

Science gateways Goals:

- *Jetstream2 JupyterHub*
- *VMs and Guacamoe emulation*