CyberTraining: Implementation: Engaging Scholars in Cybersecurity Analysis: A Laboratory for Teaching and Education (ESCALATE)

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Summary:
Cybersecurity Community Hub (C^2Hub) is a centralized catalog to catalyze the building, delivering, and sharing of CI-ready education and training resources in the cybersecurity training community. These resources facilitate the efficient use of advanced CI for data-intensive research.

Intellectual Merit:
- Reshape national cybersecurity training through a one-stop catalog of CI-ready, data-driven cybersecurity course modules
- Train educators to integrate modules into courses
- Foster communities of CI professionals
- Facilitate use of advanced CI cybersecurity research
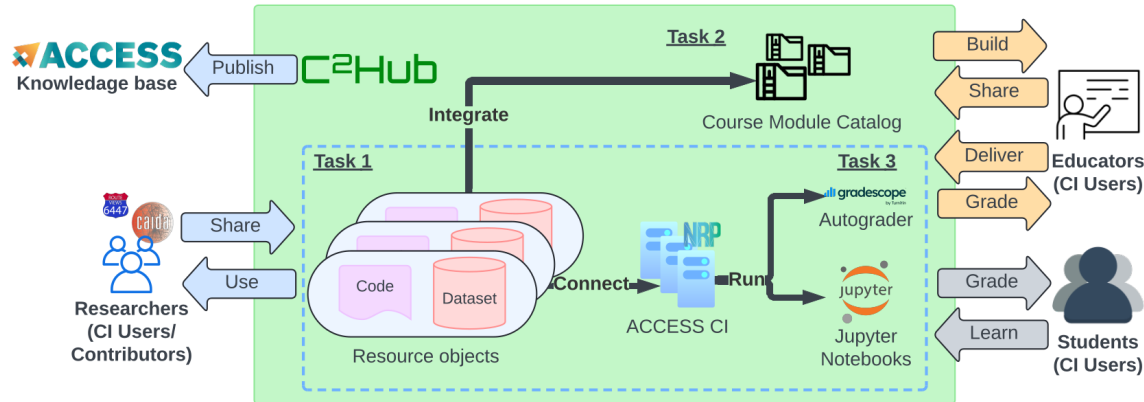
Approach:
- Create C^2Hub, a platform for sharing course modules and building communities
- Seed platform using CAIDA's datasets and CI-ready sample code
- Leverage Autograder and Jupyter Notebooks to scalle instruction to larger class sizes