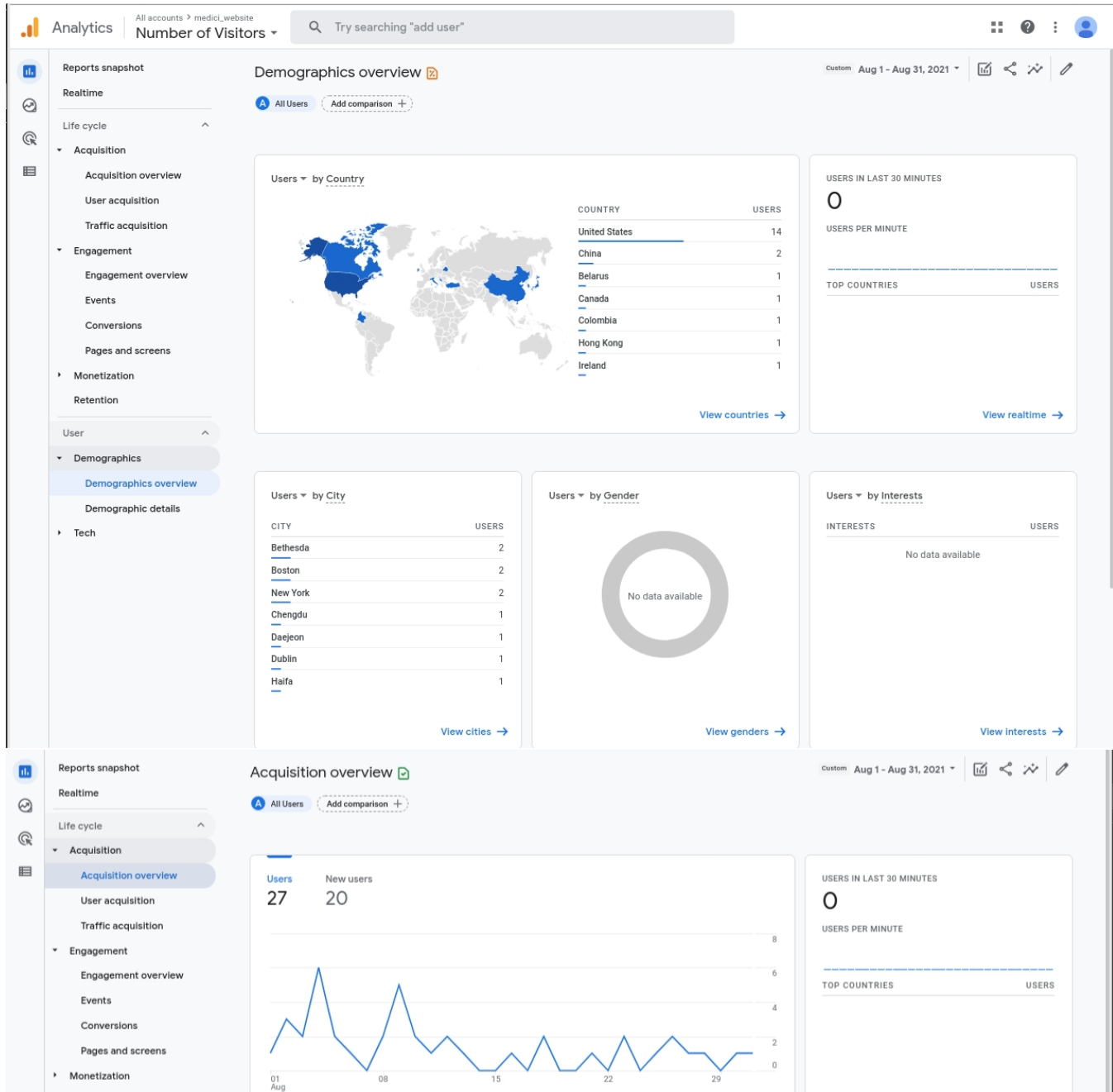# 2021-08 Monthly Status Report

Google Analytics Report:

Activities completed this month

1. Fixed the server issue. Apache was watching the wrong directory
2. Set up my own AWS S3 bucket and was able to talk to it with a terminal CLI (aws cli)

Planned for next month

1. ONGOING - Continue the Federated Learning Document about integrating MedICI and Federated Challenges.
   a. Document is pending some additional notes. We are currently working with ACR (American College of Radiology) to deploy some Federated Learning clients and servers and this will greatly help me understand the complexities involved with setting up Federated learning challenges. Next month hopefully I'll have a better idea of what goes into setting up a system like this.
2. Continue getting CodaLab running on NCI's network and VMs:
   a. Issues:
      i. Credentials for AWS bucket not active and we cannot talk to the bucket. Need to reach out to Tony Bigham (tony.bigham@nih.gov) to get those refreshed.
      ii. On my local machine I deployed the updated CodaLab code and tried connecting to my own S3 bucket instance. I noticed that there is a javascript error making the request to the bucket. I need to setup up a similar but more simple setup to figure out how to upload data to s3 via javascript http requests so that I can trouble shoot the error on NCI's system and or mine. If we could use Azure, this might be resolved.

Meeting	Date
Bi-weekly Meeting #1	05 Aug 2021
Bi-weekly Meeting #2	19 Aug 2021

Milestones

Description	Date
• Got CodaLab to launch and the UI works at NCI!	22 Jun 2021
• We have a server issue where changes to CSS and Javascript files aren't being reflected in the browser.	30 Jul 2021

Task in Progress

Description	Status	Creation Date	Close Date
• Deployment of CodaLab on NCI's network	In Progress	01 Jul 2021	
• Troubleshooting a javascript http request to Amazon AWS S3 bucket	In Progress	31 Aug 2021	

Risks

Description	Mitigation	Rank	Status	Creation Date	Realization	Close Date
Continuous development of CodaLab on NCI's network is exposing bugs in deployment and or CodaLab itself. This isn't an issue in theory, but I don't know how many issues I'll need to correct in order for the system to work. It is hard to estimate time to completion as a consequence.	Kevin Olexa and I are working together to address each as they come up.	1	In Progress	23 Jul 2021		