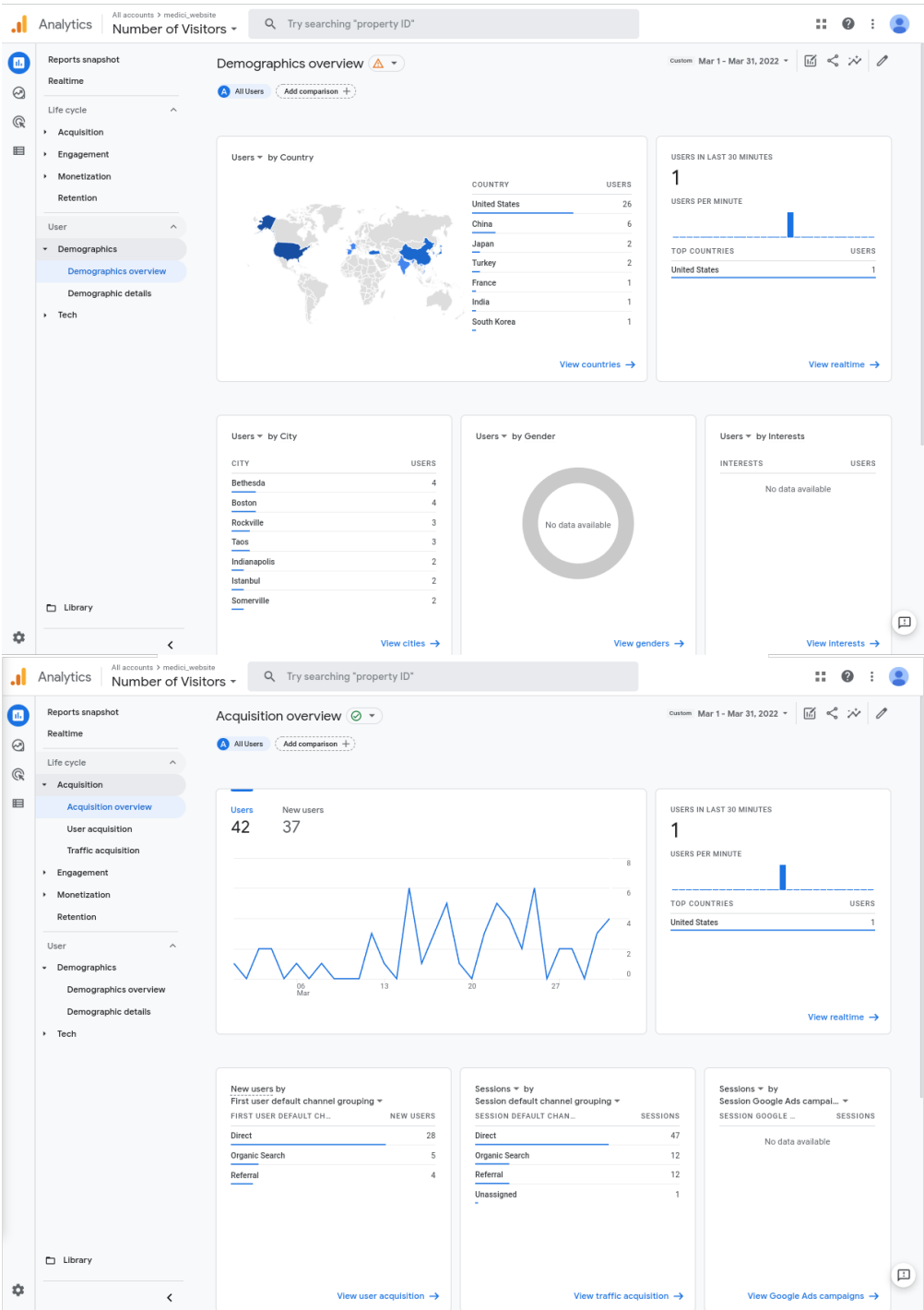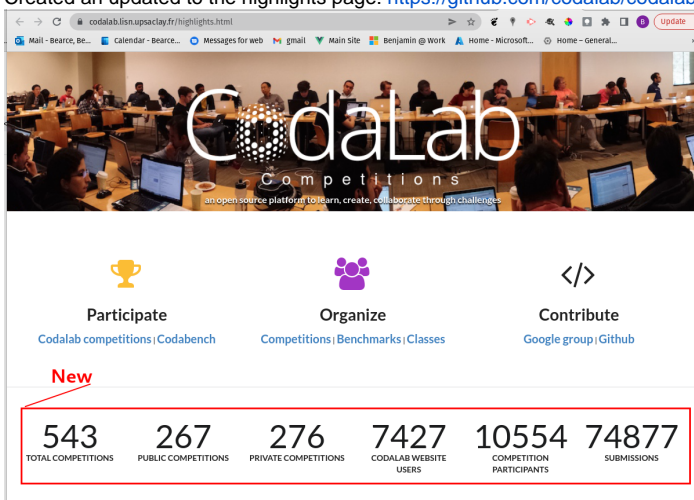# 2022-03 Monthly Status Report

Google Analytics Report:
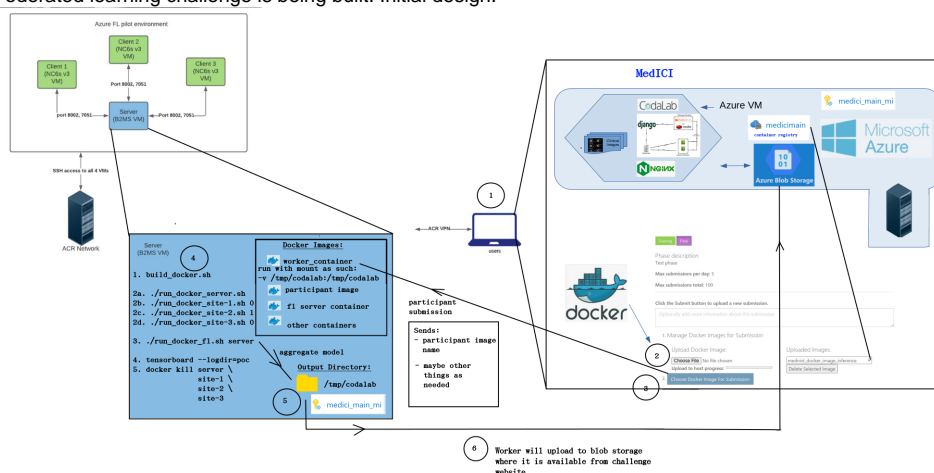

Activities completed this month

- MIDRC is up and running and challenge details are being ironed out: http://midrc-medici-competitions.eastus.cloudapp.azure.com/
- CodaLab (Open Source Team):
  - Created an updated to the highlights page: https://github.com/codalab/codalab-competitions/commit/5eb7272cb56821977940f5768baa779c0922

  -
  - Located: https://codalab.lisn.upsaclay.fr/highlights.html
- Federated learning challenge is being built. Initial design:

  - Temp site is up to furnish challenge data: https://medici-codalab-main.eastus.cloudapp.azure.com/competitions/24
- True-CT Challenge
  - Lots of work for making sure participants can securely upload data. Finished now.
- DL-SPARSE Challenge
  - Updates to starter kit
  - Updates to load validation data into public directory
- SIRPRISE Challenge
  - There may be an email bug so working with Diane to iron that out.

Planned for next month

- MIDRC Challenge 0 which will feature docker submissions as well as the Image Comparator app and a jupyter notebook for annotator analysis. - Still waiting on credits for Azure use.
  - UPDATE (3/31/2022): Infrastructure is built and now we are editing the template challenge to be the real challenge.
- Federated Learning Challenge:
  - Still need VPN access to environment.
  - Kendall Schmidt (from ACR) and Holger Roth (from NVIDIA) are creating a bash script that kicks off a participant container.
  - I will be in charge of orchestrating the start of that script from the MedICI website.
- CodaLab (Open Source Team):
  - Adding more functionality to the highlights page for the addition of dynamic news.
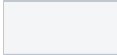
Paused

1. 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.
   b. UPDATE (01_31_2022): May have a work around with a storage service called MINIO.
   c. UPDATE (03_31_2022): The CodaLab (Open Source Team) has updates to the python2 python3 update branch on github and I think it will work on NCI's network.

Meeting	Date
Bi-weekly Meeting #1	03 Feb 2022
Bi-weekly Meeting #2	17 Feb 2022

Milestones

Description	Date
Fed Learning Challenge for MICCAI underway	15 Feb 2022
Python3 version of CodaLab may be ready for NCI's environment.	22 Mar 2022

Task in Progress

Description
Launching DL-Sparse Challenge from Emil soon. This is version 2.

Risks

Description	Mitigation	Rank	Status	Creation Date	Realization	Close Date