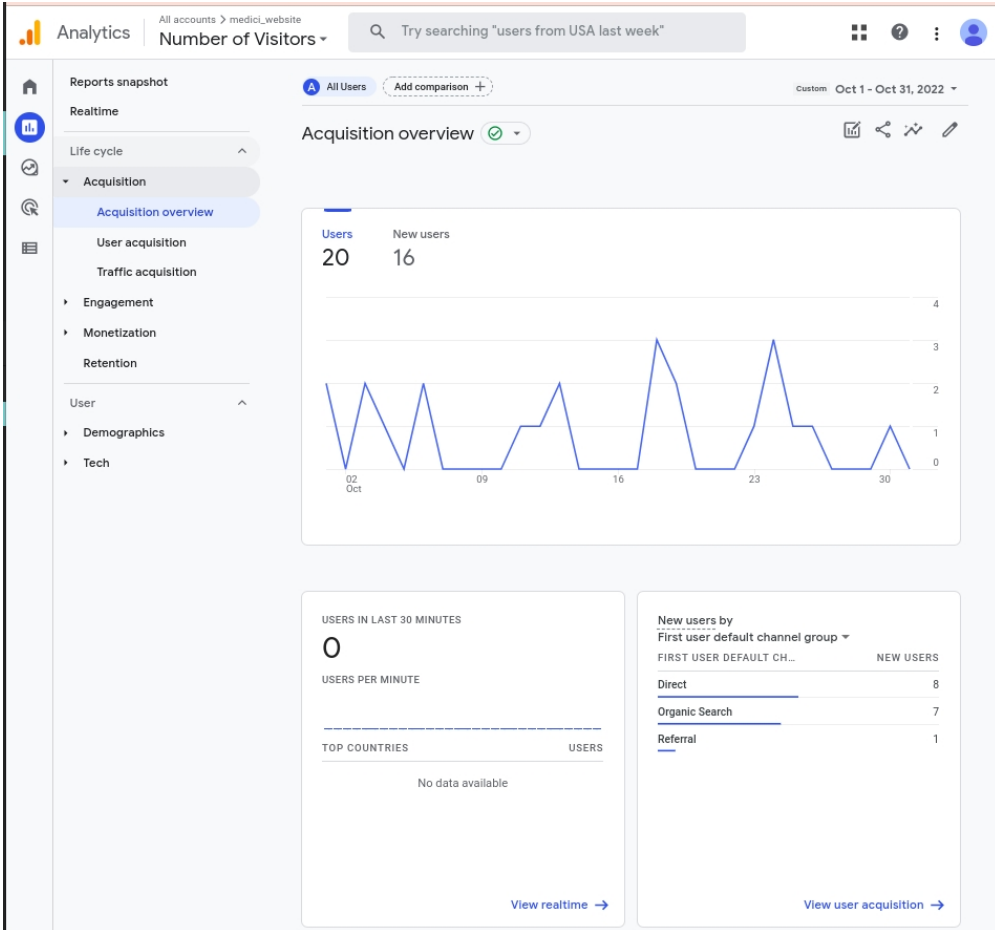


# 2022-10 Monthly Status Report

Google Analytics Report



### Activities completed this month

- MIDRC - The challenge has ended and there were 4 finalists
  - Test phase: 4 participants
  - Validation phase: 7 participants
  - We have algorithm descriptions
- CodaLab (Open Source Team):
  - TACTIC: <https://codabench-test.lri.fr/competitions/91/>
  - DGM: <https://codabench-test.lri.fr/competitions/92/>
  - GPU submissions work
  - I have 2 challenges launched preliminarily on codabench:
- Federated learning challenge:
  - We still need to run the final two participant submissions but that will have to wait till November.
- Image Comparator App:
  - Finished adding authentication to the app. Users can sign up and be signed in, log in and log out

### Planned for next month

- Federated Learning Challenge:
  - Finalize runs on MGH data and check in with team for any retrospective.
- CodaLab\Codabench (Open Source Team):
  - Working on a bug with the manual competition creator
- Challenges Emily brought to the table (Meetings beginning in early Oct and they run roughly from Jan\Feb - May):
  - I still need to review a bit more but essentially they will have their own custom leaderboard and we will pre-build docker images for them to make sure they build fine
  - Then we will scp the images to their computers for analysis.
  - I finished understanding challenge details and am making the scoring program
  - DGM-Image Statistics challenge: Deep Generative Modeling for Learning Medical Image Statistic
  - TACTIC: Understanding Time-Activity Curve and Time-Integrated Activity Variations in Radiopharmaceutical Therapy Challenge
- MIDRC:
  - Not sure if we have more plans yet but I think there will be new challenge ideas

Meeting	Date
Bi-weekly Meeting #1	13 Oct 2022
Bi-weekly Meeting #2	27 Oct 2022