OpenNeuro: openneuro.org

Data:

- The only data that can be handled is fMRI data (.tar)
- Even still, it must be restructured to follow BIDS specification (brain image data structure)
- Can be uploaded VERY well, can pick up where it left off if interrupted
- Embedded visualization tools

BIDS:

- Strict fMRI data structure, allows for the stepwise upload

Algorithms

- You choose your algo
  - version
  - Short description, description, support, tags
  - Parameters:
    - N_CPUS
    - PARTICIPANT_LABEL (strata)
    - MEM_GB (12)
- Can't pick up where you left off, it just says "failed"
- There's a lot of logging so you can figure out what fails

Data versioning:

- The way it works, you have a hidden private editable database
- You "publish" states of your data that become open source
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Requirements to run:

- Must have an account
  - Agree to make your data open-source in 18 months
- Must have data
  - Either upload or use existing
- Must use algo
  - Can't upload, must choose 1
  -

Comments:

- Each dataset has a list of algorithms run on it
  - Can't run the same algorithm with same parameters on same dataset
  - Includes:
    - Status, date run, by, job_id
    - Parameters
    - Results
      - Download
    - logs

Has a lot of functionality that we want! Only has data and algo for fMRI.