Tutorial 2: HPC at NYU

Accessing software with Environment Modules

Job scripts and how to reserve resources
- Introduction to job scheduling
- Submitting a job with qsub
- Requesting resources
  - Requesting GPUs
- Using compute nodes interactively
- Advanced queuing options

Monitoring batch jobs
- Monitoring batch jobs - qstat
- What is running on the cluster, and where? Interpreting pbstop
  - When will my job start?
  - Why won’t my job start?
  - Where did my output go?

Canceling batch jobs

Pulling it all together - an example job
  - Pulling it all together - an R example

Summary