Math4ML

July 19

* Create Kubernetes cluster on benten
* Spin up pods (little virtual machines with its own Docker container containing Python or R) for individual people
* Thus, need a common scheduler for both Python and R?
* Have a submitting pod with access to all GPUs and Kubernetes could take care of the scheduling
* ‘Which R packages?
  + Tensorflow
* Python: probably keras
* Jupyter authentication for individual workstations?
  + Do the same thing for pods as well?
  + Common data folder, multiple pods? (can multiple people be logged in simultaneously?) Or, have multiple people work together on a single pod?
* Find out who the benten administrator?