Project 2

- Research
  - Machine learning workload performance characterization
  - System utilization performance analysis
- Application
  - KubeFlow deployment
  - Sentiment Analysis and Real-time Prediction Service
  - Text Classification
  - Image Classification
  - Testing Adversarial Robustness of Cloud-based Services

Project 2

- 2 - 3 people per group; 9 groups
- Groups will be assigned and announced by Oct. 26
- 1-page proposal is due on Nov. 5
  - What do you plan to do and how will you do it
- Final Submission due on Dec. 11
  - Report
  - Presentation
  - Code package into github
- What to report/present
  - Project description (what is the project about?)
  - Related work
  - How does it work?
  - Live demo (preferred)
  - Evaluation
  - Discussion (e.g., challenges, lessons learned, etc.)
  - Conclusion and future work

Project 2

- Presentation time slot (~20 mins presentation and 5 mins QA)

Dec. 10		
5:10-5:35		
5:35-6:00		
6:00-6:25		
6:25-6:50		
6:50-7:15		
7:15-7:40		
7:40-8:05		
8:05-8:30		
8:30-8:55		

NYU Prince reservation

scontrol show ReservationName=chung

ReservationName=chung StartTime=2020-09-29T13:39:40 EndTime=2020-12-22T00:00:00 Duration=83-11:20:20

Nodes=gpu-[07,31] NodeCnt=2 CoreCnt=56 Features=(null) PartitionName=(null) Flags=SPEC_NODES

TRES=cpu=56

Users=ic49,sw77,wang,apn308,aps647,ars1125,as13594,as9182,db4057,hsw268,ik1304,jj2903,mc7805,ny736,sb7261,sg6163,sh5661,srl506,ss12768,ss12852,tyc360,yww234 Accounts=(null) Licenses=(null) State=ACTIVE BurstBuffer=(null) Watts=n/a

- Users can always check with command

#squeue --node=gpu-[07,31]

JOBID PARTITION NAME USER ST TIME NODES NODELIST(REASON)

13263427 k80_4 bash ny736 R 2:30:22 1 gpu-07

13265940 p40_4 run_mre2 tyc360 R 8:43 1 gpu-31