Machine Learning and Artificial Intell

Thursdays, 11am-12:30pm, August 23-December 1
Room H9.124

Weeks	Dates	Instructor
Week 1	23-Aug	Yang Xie
Week 2	30-Aug	Jing Wang
Week 3	6-Sep	Xiaowei Zhan
Week 4	13-Sep	Tao Wang
Week 5	20-Sep	Xun Jia
Week 6	27-Sep	Lin Xu
Week 7	4-Oct	Steve Jiang & Andy Xiao
Week 8	11-Oct	All
Week 9	18-Oct	Xun Jia and Andy Xiao
Week 10	25-Oct	All
Week 11	1-Nov	All
Week 12	8-Nov	All
Week 13	15-Nov	All
Week 14	29-Nov	All
Week 15	6-Dec	All
Week 16	13-Dec	All

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Topic
1. Overview & assign projects
2. Overview of Machine Learning Methods
3. Overviw of Deep Learning Methods
4. Overview of Bayesian Computation Methods
5. Overview of Image Data Analysis
6. Overviwe of Genomic Data Analysis
7. Dr. Steve Jiang (real research examples at UTSW)
Jordan Finnell: Course Project examples
Project Assignment (create a link to allow student to download the data)
8. Lecturers to discuss each individual project (all course instructors) Q&A
9.Lecturers to discuss group projects (Xun Jia & Andy Xiao)
individual projects discussion, information sharing
10.First individual project presentation (9 people, 5~10/min per person)
11.First individual project presentation (9 people, 5~10/min per person)
12.Second individual project presentation (9 people, 5~10/min per person)
13.Second individual project presentation (9 people, 5~10/min per person)
Thanksgiving
14 Group Project presentation and discussion (20 ~ 30 min/project)
15.Group Project presentation and discussion (20 ~ 30 min/project)
16. Discussion and future dirctions