

LEADING Boot Camp: Week 1

Time (all times in EST)	Session
Monday, June 7	
11:30 AM – 12:00 PM	Welcome and Introduction (Jane/Sam) <ul style="list-style-type: none">- Welcome- Around the room— brief
12:00 PM – 1:00 PM	Data Science Overview (Jake) <ul style="list-style-type: none">- Data Science and Scientific Paradigms- Data Science as a Process- Data Science Projects in LIS
1:00 PM – 2:00 PM	BREAK
2:00 PM – 5:00 PM	Data Management: SQL and NoSQL (Il-Yeol) <ul style="list-style-type: none">- Relational Databases- SQL- Analytics with SQL- NoSQL data stores- MongoDB
Thursday, June 10	
1:00 PM – 3:00 PM	Data Cleaning and Preprocessing (Lei)
3:00 PM – 4:00 PM	BREAK
4:00 PM – 6:00 PM	Text Processing / Mining / Search (Mat) <ul style="list-style-type: none">- Text processing, mining, scalability, common matrix- Factorization process and time/space complex- Parallelization