

Example LEADING Boot Camp Schedule (from 2022)

Note: Synchronous session attendance is strongly encouraged.

WEEK 1	
Monday, June 6	
10:30 - 11:00 AM EST	Welcome and Introduction (Jane Greenberg/Sam Grabus)
11:00 - 12:15 PM EST	Data Science Overview (Jake Williams)
12:15 - 1:15 PM EST	BREAK
1:15 - 3:30 PM EST	Data Management: SQL and NoSQL (Il-Yeol Song)
Wednesday, June 8	
10:30 - 12:15 PM EST	Data Cleaning and Preprocessing (Shadi Rezapour)
12:15 - 1:15 PM EST	BREAK
1:15 - 3:30 PM EST	Text Processing / Mining / Search (Mat Kelly)
WEEK 2	
Monday, June 13	
10:30 - 12:15 PM EST	Supervised Learning (Lei Wang)
12:15 - 1:15 PM EST	BREAK
1:15 - 2:15 PM EST	Ontologies, Linked Data, Big Metadata (Jane Greenberg)
2:15 - 2:30 PM EST	BREAK
2:30 - 3:30 PM EST	Data Preservation /Web Archiving (Mat Kelly)
Wednesday, June 15	
10:30 - 11:30 AM EST	Data Curation (Alex Poole)
11:30 - 12:15 PM EST	Computational Thinking, Data Integration and Quality with OpenRefine
	Guest: Richard Marciano, Professor and Director, AI-Collaboratory, University of Maryland iSchool
12:15 - 1:15 PM EST	BREAK
1:15 - 3:30 PM EST	Unsupervised Learning (Shadi Rezapour)
WEEK 3	
Monday, June 20	
10:30 - 12:15 PM EST	Deep Learning (Lei Wang)
12:15 - 1:15 PM EST	BREAK
1:15 - 3:30 PM EST	Large-Scale Data Intensive Computing (Weimao Ke)
Wednesday, June 22	
10:30 - 12:15 PM EST	Graph/Network Models and Matrix Processing (Jake Williams)
12:15 - 1:15 PM EST	BREAK
1:15 - 3:30 PM EST	Data Ethics and Human-Centered Data Science; Visual Analytics (Alex Poole, Erjia Yan)