LEADING Boot Camp 2023

LEADING Boot Camp: WEEK 1

Monday, June 5	
10:30-11:00 AM EDT	**Welcome and Introduction (Professor Jane Greenberg, A. B. Kroeger Professor and Director, Metadata Research Center):**
11:00-12:15 PM EDT	**Data Science Overview (Professor Jake Williams):**
	What is data science and who does it?
	Data science life cycles
	Introduction to common tools used in data science
12:15-1:15 PM EDT	**BREAK**
1:15-3:30 PM EDT	**Data Cleaning and Preprocessing (Professor Shadi Rezapour):**
	Dealing with messy data
	Creating a data cleaning pipeline
	Data transformation
Wednesday, June 7	
10:30-12:15 PM EDT	**Unsupervised Learning (Professor Shadi Rezapour):**
	Intro to unsupervised learning
	Clustering methods
	Kmeans
12:15-1:15 PM EDT	**BREAK**
1:15-3:30 PM EDT	**Text Processing / Mining / Search (Professor Mat Kelly):**
	Normalization, stop words, stemming, n-grams
	Information retrieval (IR) methods
	Similarity evaluation