

LEADING Boot Camp: WEEK 3 (Note Monday is a holiday and its sessions have moved to Tuesday this week)	
Tuesday, June 20	
10:30 - 12:15 PM EDT	Deep Learning (Professor Lei Wang)
	Introduction to Artificial Neural Network
	Implementation of deep learning with Keras
12:15 - 1:15 PM EDT	BREAK
1:15 – 2:30 PM EDT	ChatGPT Panel (Panel convener: Professor Shadi Rezapour) Panel Guests: Drexel Professors: Tim Gorichanaz, Afsaneh Razi, and Weimao Ke)
Wednesday, June 21	
10:30 - 12:15 PM EDT	Graph/Network Models and Matrix Processing (Professor Jake Williams)
	What are graph/network models?
	Sources of graph/network data and an introduction into types of models
	Tools used for representing and analyzing graph/network data
12:15 - 1:15 PM EDT	BREAK
1:15 - 2:15 PM EDT	Open time period to independently explore asynchronous sessions
	Week 2 folder: OpenRefine session (Jonathan Wheeler)
	Week 2 folder: Data Curation + human-centered data science (Alex Poole)
	Week 3 folder: Large-Scale Data Intensive Computing (Weimao Ke)
2:15 - 2:30 PM EDT	BREAK
2:30 - 3:15 PM EDT	Visual Analytics (Professor Erjia Yan)
	Fundamentals of visual analytics
	Misuse of visualizations
	Best practice of visualizing data
Asynchronous session	Large-Scale Data Intensive Computing (Professor Weimao Ke)
	Big data volumes and velocity
	Data-intensive processing and parallel computing
	Spark Machine Learning libraries (MLlib) with Python (PySpark)