

CSE 519 Lecture Schedule (Fall 2024)

8/27*	L0: Course Introduction/Administration		
8/29*	L3: Python for Data Science I	PFDf	
9/3	L1: Introduction to Data Science	1-26	
9/5	L2: Mathematical Preliminaries	27-38	(HW1 out)
9/10	L5: Correlation	39-56	
9/12	Bonus: Look ahead for HW	201-212	
9/17*	L6: Assembling Data Sets	57-68	
9/19	L7: Data Cleaning	69-94	
9/24	L8: Scores and Rankings I	95-103	
9/26	L8: Scores and Rankings II	104-120	(HW1 in / HW2 out)
10/1	L9: Statistical Distributions	121-134	
10/3*	Midterm Exam (Rosh Hashanah)		
10/8	L10: Statistical Significance	135-154	
10/10	L11: Principles of Visualizing Data	155-169	
10/15	Fall Break		
10/17	L12: Practice of Data Visualization	170-300	
10/22	L13: Validating Models	213-236	(HW2 in / HW3 out)
10/24	L14: Linear Algebra Review	237-266	(Projects out)
10/29	L15: Linear Regression	267-278	
10/31	L16: Gradient Descent Search/Regularization	279-288	
11/5	L17: Logistic Regression and Classification	289-302	
11/7	L18: Nearest Neighbor Methods	303-319	(HW3 in)
11/12	L19: Graphs and Networks	320-329	
11/14	L20: Clustering	330-350	(Project proposal in)
11/19	L21: Introduction to Machine Learning I	351-362	
11/21	L21: Introduction to Machine Learning II	363-376	
11/26	L22: Natural Language Processing	377-390	
11/28	Thanksgiving (class canceled)		
12/3	L23: Achieving Scale	391-418	
12/5	L24: Human-centric Data Science	419-426	(Final reports in)
12/16	Final exam (11:15AM-1:45AM)	(*) implies possible substitute instructor or recording	