STAT 574 Data Mining SPRING 2024

COURSE SCHEDULE

No.	*Date*	*Topic*
1	W, Jan. 24	Decision tree regression
2	W, Jan. 31	Decision tree binary classification
3	W, Feb. 7	Decision tree multinomial classification
4	W, Feb. 14	**Homework 1 is due**, random forest regression and classification
5	W, Feb. 21	Gradient boosting regression and classification, K-nearest neighbor regression and classification
6	W, Feb. 28	**Homework 2 is due**, **take-home midterm exam is assigned**, support vector machines regression and classification
7	W, Mar. 6	Naive Bayes classification
8	W, Mar. 13	**Take-home midterm exam is due**, artificial neural network
9	W, Mar. 20	Recurrent neural network, anomaly detection, change-point detection
10	W, Mar. 27	Convolutional neural network
	W, Apr. 3	**Spring Break – No Class**
11	W, Apr. 10	**Homework 3 is due**, natural language processing
12	W, Apr. 17	Natural language processing
13	W, Apr. 24	TBD
	W, May 1	Project presentations - session I, **project report is due**
	W, May 8	**Homework 4 is due**, project presentations - session II, **project report is due**