Tentative Course Schedule

August/September
8/30: Intro/Experimental Design
9/1: Data (Types, Quality, Cleaning, Web scraping)
9/6: Lab
9/8: Classification, Linear Regression
9/13: Lab
9/15: Classification, Linear/Logistic Regression
9/20: Lab
9/22: Classification, Logistic Regression/Naïve Bayes/Decision Trees
9/27: Lab
9/29: Classification, Decision Trees

October
10/4: Lab
10/6: Classification, Support Vector Machines (SVMs)
10/11: Fall Break
10/13: Midterm
10/18: Lab
10/25: Classification, other methods (nearest neighbor, random forest, etc.)
10/27: Lab

November
11/1: Association Analysis, Rule Generation, FP-growth
11/3: Clustering Analysis
11/8: Lab
11/10: Clustering Analysis
11/15: Lab
11/17: Outlier Analysis
11/22: Outlier Analysis
11/24: Thanksgiving
11/29: Lab

December
12/1: Time Series, Graph, Spatial Data
12/6: Presentations
12/8: Presentations

FINAL
Tuesday, Dec 13th 12:30-2:30pm