

Unit	Start Date	Lecture Topics	Method Covered	Items Due	Due Date
1	March 3	Introduction to Analytics, Introduction to R	Basic Data Analysis	Initial Evaluation and Homework Assignment 1	March 16
2	March 10	Quality of Wine, Moneyball	Linear Regression	Homework Assignment 2	March 23
3	March 17	Modeling an Expert, The Framingham Heart Study	Logistic Regression	Homework Assignment 3	March 30
4	March 24	Predicting Supreme Court Decisions, The D2Hawkeye Story	Trees	Homework Assignment 4	April 6
5	March 31	Turning Tweets into Knowledge, IBM Watson	Text Analytics	Homework Assignment 5	April 13
6	April 7	Recommendation Systems, Predictive Diagnosis	Clustering	Homework Assignment 6	April 20
Competition	April 14	None	None	Kaggle Competition	May 4
7	April 14	Visualizing the World, The Analytical Policeman	Visualization	Homework Assignment 7	April 27
8	May 5	Airline Revenue Management, Radiation Therapy	Linear Optimization	Homework Assignment 8	May 18
9	May 5	Sports Scheduling, eHarmony	Integer Optimization	Final Evaluation and Homework Assignment 9	May 18
Final Exam	May 19	None	None	Final Exam	May 25

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