Schedule

A week-by-week breakdown of the material.

Week 1 (09/07-9/11)

Day 1 Basic Terminology[1]
Day 2 Lab 1[2]
Day 3 Visualizing Variables[3]
Day 4 Percentiles[4]

Week 2 (09/14-09/18)

Day 1 Measures of Center[5]
Day 2 Lab 2[6]
Day 3 Measures of Spread[7]
Day 4 Linear Transformations[8]

Week 3 (09/21-09/25)

Day 1 Density Curves[9]

    The Normal Distribution[10]

Day 2 Lab 3[11]

Day 3 The Normal Distribution (cont)[12]

Day 4 The Normal Distribution (cont)[13]

Week 4 (09/28-10/02)

Day 1 Relationships between two variables[14]

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[1] notes/basic_terminology.html
[2] labs/1.html
[3] notes/visualizing_distributions.html
[4] notes/percentiles.html
[5] notes/measures_center.html
[6] labs/2.html
[7] notes/measures_spread.html
[8] notes/linear_transformations.html
[9] notes/density_curves.html
[10] notes/normal_distribution.html
[11] labs/3.html
[12] notes/normal_distribution.html
[13] notes/normal_distribution.html
[14] notes/relationships.html

Day 2 Lab 4[15]
Day 3 Scatterplots and Correlation[16]
Day 4 General Theory on Modeling and Data Fitting[17]

Week 5 (10/05-10/09)

Day 1 Review
Day 2 **MIDTERM** (study guide[18])
Day 3 Linear Models and Regression Lines[19]
Day 4 Linear Models and Regression Lines[20]

Week 6 (10/12-10/16)

Day 1 The question of causation[21]

Introduction to Probability[22]

Day 2 Lab 5

Day 3 Introduction to Probability (cont)[23]

Day 4 Probability rules[24]

Week 7 (10/19-10/23)

Day 1 Fall Break
Day 2 Conditional Probability[25]
Day 3 Independent Events[26]
Day 4 Probability rules[27]

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[15]labs/4.html
[16]notes/scatterplot_correlation.html
[17]notes/modeling_general.html
[18]notes/midterm1_study_guide.html
[19]notes/linear_regression.html
[20]notes/linear_regression.html
[21]notes/correlation_causation.html
[22]notes/probability_intro.html
[23]notes/probability_intro.html
[24]notes/probability_rules.html
[25]notes/probability_conditional.html
[26]notes/independent_events.html
[27]notes/probability_rules.html

Week 8 (10/26-10/30)

Day 1 Tree Diagrams[28]
Day 2 Lab: Work on Projects[29]
Day 3 Tree Diagrams (cont)[30]
Day 4 Random Variables[31]

Week 9 (11/02-11/06)

Day 1 The Binomial Setting and Distribution[32]
Day 2 Work on Projects[33] Day 3
     The Binomial Setting and Distribution[34]
Day 4 Mean and Standard Deviation of Random Variables[35]

Week 10 (11/09-11/13)

Day 1 **MIDTERM** (study guide[36])
Day 2 Mean and Standard Deviation of Random Variables (cont)[37]
Day 3 Combining Random Variables[38]
Day 4 Mean and Standard Deviation of the Binomial[39]

Week 11 (11/16-11/20)

Day 1 Binomial: Approximating by Normal[40]
Day 2 The Sample Mean / IID Setting[41]
Day 3 The Sample Mean / IID Setting (cont)[42]
Day 4 Inference I: Confidence Intervals[43]

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[28]notes/decision_trees.html
[29]labs/projectAnalysisSteps.html
[30]notes/decision_trees.html
[31]notes/random_variables.html
[32]notes/binomial.html
[33]labs/projectAnalysisSteps.html
[34]notes/binomial.html
[35]notes/rv_mean.html
[36]notes/midterm2_study_guide.html
[37]notes/rv_mean.html
[38]notes/rv_combine.html
[39]notes/binomial_mean.html
[40]notes/binomial_mean.html
[41]notes/iid_setting.html
[42]notes/iid_setting.html
[43]notes/confidence_intervals.html

Week 12 (11/23-11/27)

Day 1 Inference I: Confidence Intervals (cont)[44]
Day 2 THANKSGIVING
Day 3 THANKSGIVING
Day 4 THANKSGIVING

Week 13 (12/01-12/04)

Day 1 Inference II: Hypothesis Tests[45]
Day 2 Inference II: Hypothesis Tests (cont)[46]
Day 3 TBA
Day 4 TBA

Week 14 (12/07-12/11)

Day 1 TBA
Day 2 TBA
Day 3 TBA
Day 4 TBA

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[44]notes/confidence_intervals.html
[45]notes/hypothesis_tests.html
[46]notes/hypothesis_tests.html