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 The question of causation[20]
     Introduction to Probability[21]
     Introduction to Probability (cont)[22]

Week 6 (10/12-10/16)

Day 1 Independent Events[23]
Day 2 Probability rules[24]
Day 3 Tree Diagrams[25]
Day 4 Tree Diagrams (cont)[26]

Week 7 (10/19-10/23)

Day 1 Fall Break
Day 2 Probability Practice
Day 3 Probability Practice
Day 4 Probability Practice

Week 8 (10/26-10/30)

Day 1 Random Variables[27]
Day 2 Lab Practice

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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/correlation_causation.html
[21]notes/probability_intro.html
[22]notes/probability_intro.html
[23]notes/independent_events.html
[24]notes/probability_rules.html
[25]notes/decision_trees.html
[26]notes/decision_trees.html
[27]notes/random_variables.html

Day 3 The Binomial Setting and Distribution[28]
Day 4 Mean and Standard Deviation of Random Variables[29]

Week 9 (11/02-11/06)

Day 1 Mean and Standard Deviation of Random Variables (cont)[30]
Day 2 Combining Random Variables[31]
Day 3 Combining Random Variables (cont)[32]
Day 4 Review / Catchup

Week 10 (11/09-11/13)

Day 1 **MIDTERM** (study guide[33])
Day 2 Lab: Work on Projects[34]
Day 3 Mean and Standard Deviation of the Binomial[35]
Day 4 Binomial: Approximating by Normal[36]

Week 11 (11/16-11/20)

Day 1 The Sample Mean / IID Setting[37]
Day 2 Work on Projects
Day 3 The Sample Mean / IID Setting (cont)[38]
Day 4 Inference I: Confidence Intervals[39]

Week 12 (11/23-11/27)

Day 1 Inference I: Confidence Intervals (cont)[40]
Day 2 THANKSGIVING
Day 3 THANKSGIVING
Day 4 THANKSGIVING

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

Week 13 (12/01-12/04)

Day 1 Inference II: Hypothesis Tests[41]
Day 2 Inference II: Hypothesis Tests (cont)[42]
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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[41]notes/hypothesis_tests.html
[42]notes/hypothesis_tests.html