

Unit 1: Displays of Data, Measures of Center, Spread, and Position, Comparing Data Displays

Chapter	Exercises
CH. 2: Data	15, 17, 25
CH. 3: Displaying and Describing Categorical Data	7, 11, 17, 19, 21, 23, 31, 33
CH. 4: Displaying and Summarizing Quantitative Data	5, 9, 10, 11, 12, 13, 17, 19, 21, 23, 25, 35, 47
CH. 5: Understanding and Comparing Distributions	7, 11, 13, 15, 21, 34, 37, 39, 41
CH. 6: Normal Models and Z-Scores	7, 10, 11, 17, 23, 29, 33, 36, 37, 39, 44, 45

Unit 2: Gathering Data, Sampling Methods, Experimental Design

Chapter	Exercises
CH. 11: Understanding Randomness	5, 7, 11, 17, 19, 25, 31, 39
CH. 12: Sample Surveys	3, 5, 9, 10, 15, 17, 19, 21, 23, 27, 31, 32, 33
CH. 13: Experiments and Observational Studies	3, 5, 21, 23, 25, 31, 33, 35, 39

Unit 3: Statistical Inference (Confidence Intervals)

Chapter	Exercises
CH. 19: Confidence Intervals for Proportions	5, 7, 11, 13, 17, 20, 27, 29, 31, 33
CH. 22: Comparing Two Proportions	9, 11, 13, 20, 27, 30
CH. 23: Inferences About Means	5, 7, 9, 13, 17, 19, 31, 35, 39
CH. 24: Comparing Means	3, 5, 7, 11, 17, 24, 35

Unit 3: Statistical Inference (Hypothesis Tests)

Chapter	Exercises
CH. 18: Sampling Distributions	1, 3, 13, 15, 21, 25, 29, 31, 33, 37, 39, 47, 49, 51, 53
CH. 20: Testing Hypotheses about Proportions	1, 3, 7, 9, 14, 17, 19, 21, 22, 25, 29, 32
CH. 21: More about Tests and Intervals	1, 3, 5, 7, 9, 15, 17, 19, 21, 25, 31
CH. 22: Comparing Two Proportions	1, 3, 5, 15, 17, 21, 23, 31
CH. 23: Inferences About Means	1, 21, 23, 25, 27, 29, 34, 37
CH. 24: Comparing Means	9, 15, 16, 21, 23, 27, 29, 31
CH. 25: Paired Samples and Blocks	1, 2, 3, 11, 13, 19, 21, 27

Unit 4: Establishing Relationships for Qualitative and Quantitative Variables (Regression and Chi-Squared Testing)

Chapter	Exercises
CH. 7: Scatterplots, Association, and Correlation	5, 6, 8, 11, 15, 17, 23, 25, 33, 39
CH. 8: Linear Regression	1, 3, 5, 7, 9, 11, 17, 19, 21, 27, 29, 31, 37, 38, 41, 43, 45, 53
CH. 9: Regression Wisdom	11, 13, 19, 21, 22, 25
CH. 26: Comparing Counts (Chi-Squared)	5, 9, 11, 13, 15, 17, 23, 28, 29, 31, 33
CH. 27: Inferences for Regression	2, 3, 5, 7, 9, 11, 18, 20

Unit 5: Probability

Chapter	Exercises
CH. 14: From Randomness to Probability	7, 13, 15, 19, 21, 23, 25, 27, 31, 33, 37, 39, 41
CH. 15: Probability Rules	3, 5, 11, 13, 17, 19, 21, 31, 33, 43
CH. 16: Random Variables	1, 7, 15, 19, 23, 25, 31, 33, 37, 39, 41
CH. 17: Probability Models	5, 9, 14, 15, 17, 18, 20, 23, 25, 27, 29

Should mix in probability with hypothesis testing (random variables before 2 sample tests, binomial distributions before proportion tests)