STT200 List of homework assignments Ch. 2-9, 12

1. Identify variables as categorical or quantitative.
2. Identify variables as categorical or quantitative.
3. Identify the who, what, and the population.
4. Identify the Ws, cases, variables, and any units.
5. Determine if a display of data is appropriate.
6. Determine if a display of data is appropriate.
7. Create and analyze relative frequency distributions.
8. Examine a contingency table.
10. Describe features of a distribution.
11. Describe features of a distribution.
12. Describe features of a distribution.
13. Find measures of center and spread.
15. Find measures of center and spread.
16. Analyze and compare measures of center and spread.
17. Create a display of data and describe the distribution and unusual features.
18. Interpret and compare displays of distributions.
19. Use summary statistics to describe a distribution.
20. Interpret and compare displays of distributions.
21. Interpret and compare displays of distributions.
22. Use summary statistics to describe a distribution.
23. Analyze and compare measures of center and spread.
25. Answer questions given summary statistics.
27. Answer questions given summary statistics.
28. Answer questions given summary statistics.
29. Use the 68-95-99.7 rule to find probabilities and intervals of values.
30. Use the 68-95-99.7 rule to find probabilities and intervals of values.
31. Consider scatterplots, association, and correlation.
32. Consider scatterplots, association, and correlation.
33. Consider scatterplots, association, and correlation.
34. Consider scatterplots, association, and correlation.
35. Consider scatterplots, association, and correlation.
36. Concepts
37. Consider scatterplots, association, and correlation.
8.1.1 Find and interpret the slope, intercept, and equation.
8.1.3 Concepts
8.1.7 Find and interpret the slope, intercept, and equation.
8.1.13 Analyze residuals.
8.1.23 Find and interpret a squared correlation.
8.1.27 Find and interpret the slope, intercept, and equation.
8.1.45 Find and interpret a squared correlation.
8.1.61 Write and interpret a linear regression equation.

9.1.13 Identify unusual points.
9.1.9 Interpret a linear model.
9.1.11 Identify unusual points.
9.1.19 Interpret a linear model.

12.1.3 Analyze the sampling method.
12.1.7 Identify population, sample, sampling frame, and parameter.
12.1.9 Identify population, sample, sampling frame, and parameter.
12.1.11 Identify population, sample, sampling frame, and parameter.
12.1.19 Analyze the sampling method.
12.1.29 Identify bias.