Homework

Chapter 3 (Multiple Linear Regression): 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.9, 3.13, 3.16, 3.21, 3.22, 3.23, 3.25, 3.27, 3.28, 3.29, 3.30, 3.31, 3.32 and 3.37.

Chapter 4 (Model Adequacy Checking): 4.1, 4.2, 4.4, 4.7, 4.10, 4.11, 4.12, 4.14, 4.19, 4.20 and 4.25.

Chapter 5 (Transformations and Weighting to Correct Model Inadequacies): 5.1, 5.3, 5.5, 5.9, 5.11, 5.14, 5.15 and 5.18.

Chapter 6 (Diagnostics for Leverage and Influence): 6.1, 6.2, 6.3, 6.13, 6.14 and 6.17.

Chapter 7 (Polynomial Regression Models): 7.1, 7.2, 7.3, 7.11, 7.16, 7.17 and 7.18.

Chapter 8 (Indicator Variables): 8.1, 8.3, 8.4, 8.6, 8.11 and 8.18.

Chapter 9 (Multicollinearity): 9.1, 9.2(a-b), 9.7, 9.17, 9.19 and 9.23.

Chapter 10 (Variable Selection and Model Building): 10.1, 10.4, 10.11, 10.15, 10.21, 10.23, 10.29 and 10.31.