Ch. 3 Vocabulary

Reading #1 (p. 151 – 170)

1. Response variable
2. Explanatory variable
3. Scatterplot
4. Positive/Negative/No association
5. Describe a Scatterplot
6. Correlation, r

Reading #2 (p. 176 – 182)

1. Regression Line
2. Extrapolation
3. Residuals
4. Y-intercept
5. Slope

Reading #3 (p. 183 – 204)

1. Least-squares regression line
2. Residual Plot
3. Standard deviation of residuals, s
4. Coefficient of determination, r^2
5. High leverage point
6. Influential point
7. Outlier

Reading #4 (p. 213 – 220)

1. Transforming
2. Power model
3. Exponential model

Reading #5 (p. 220 – 229)

1. How to choose a model