

Homework Assignments

1. Read Chapter 7 (pages 142 – 158)
2. Pages 160 – 163 (4, 5, 8, 10, 12, 15)
3. Pages 164 – 167 (18, 25, 26, 29, 35): **GRADED**
4. Read Chapter 8 (pages 168 – 188)
5. Pages 189 – 193 (1, 3, 13, 21, 25, 34): **GRADED**
6. Pages 189 – 195 (7, 9, 16, 27, 40, 43)
7. Smoking IT: **GRADED**
8. Read Chapter 9 (pages 198 – 212)
9. Pages 213 – 219 (1, 2, 22, 25)
10. Pages 214 – 219 (3, 8, 10, 12, 17, 23): **GRADED**
11. Read Chapter 10 (pages 220 – 238)
12. Pages 238 – 241 (1, 3, 9, 12 – 14)
13. Alligators IT: **GRADED**
14. Pages 239 – 243 (4, 15, 16, 25, 29)

Vocabulary

Association	Model
Correlation	Outlier
Explanatory variable	Predicted value
Extrapolation	R^2
Influential point	Re-express data
Intercept	Regression line or Line of best fit
Ladder of Powers	Regression to the mean
Least squares	Residuals
Leverage	Response variable
Linear model	Scatterplots
Lurking variable	Slope
	Subset