

Chapter 12 Learning Objectives	Section	Related Example on Page(s)	Relevant Chapter Review Exercise(s)	Can I do this?
Check the conditions for performing inference about the slope β of the population (true) regression line.	12.1	745	R12.2, R12.3, R12.4	
Interpret the values of a , b , s , SE_b , and r^2 in context, and determine these values from computer output.	12.1	748, 754	R12.1	
Construct and interpret a confidence interval for the slope β of the population (true) regression line.	12.1	749	R12.3	
Perform a significance test about the slope β of the population (true) regression line.	12.1	754	R12.2	
Use transformations involving powers and roots to find a power model that describes the relationship between two variables, and use the model to make predictions.	12.2	768, 770	R12.5	
Use transformations involving logarithms to find a power model or an exponential model that describes the relationship between two variables, and use the model to make predictions.	12.2	772, 773, 776	R12.6	
Determine which of several transformations does a better job of producing a linear relationship.	12.2	779	R12.6	