

1.4: What's Next?

Before beginning any sort of data analysis, you need to understand your data. Chapter 2 describes the sample data that will be used in the examples throughout this tutorial, and how to read this data into the R environment. Chapter 3 introduces the simplest regression model consisting of a single independent variable. The process used to develop a more complex regression model with multiple independent input variables is explained in Chapter 4. Chapter 5 then shows how to use this multi-factor regression model to predict the system response when given new input data. Chapter 6 explains in more detail the routines used to read a file containing your data into the R environment. The process used to develop a multi-factor regression model is summarized in Chapter 7 along with some suggestions for further reading. Finally, Chapter 8 provides some experiments you might want to try to expand your understanding of the modeling process.

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