In addition to the exercises included in *Fundamentals of Predictive Analytics with JMP*, the following exercises are available:

Chapter 2

Exercises

1. Perform descriptive statistics and create some relevant graphs using the Freshman1.jmp data set.
2. Perform descriptive statistics and create some relevant graphs using the HomePriceIndexCPI1.jmp data set.
3. Perform descriptive statistics and create some relevant graphs using the AgeProcessWords.xls data set.

Chapter 3

Exercises

1. Perform descriptive statistics and create some relevant graphs using the salesperfdata.xls data set.
2. Perform descriptive statistics and create some relevant graphs using the Churn.xls data set.
3. Perform descriptive statistics and create some relevant graphs using the StateGDP2008.jmp data set.
4. Perform descriptive statistics and create some relevant graphs using the PublicUtilities.jmp data set.
5. Perform descriptive statistics and create some relevant graphs using the Kuiper.jmp data set.

Chapter 4

Exercises

1. Use the Freshman1.jmp data set and run regression models using all or some of the variables in the file to predict GPA. Evaluate the models.
2. Use the profitbyproduct.jmp data set and run regression models using all or some of the variables in the file to predict Revenue. Evaluate the models.
3. Use the Freshman1.jmp data set and run ANOVAs to see if College and Attends Office Hours affect GPA.
4. Use the Kuiper.jmp data set and run ANOVAs to see if Make and Type affect Price.
5. Use the salesperfdata.xls data set, and create a new variable called tenure in which tenure is 0 if Time is less than or equal to 18; otherwise, tenure is 1. Divide the data set into the two tenure groups. Run regressions on each tenure group using all or some of the variables to predict sales. Evaluate the models. Are any of these models better than the model discussed in the chapter?
6. Use the PublicUtilities.jmp data set and run a regression to predict sales using Coverage, Return, Cost, Load, Peak , Nuclear and Fuel as independent variables. Evaluate the model.