

# Statistics with R – Advanced Level

## Practice

*Note:* If you did not do it already, please download the CSV data files and extract them on your hard drive. You can find the download link in the section *Course Materials*.

### Section 2

## Predictive Techniques

#### Exercise #1

In the data frame *marketingdb.csv*, perform a binomial regression where the dependent variable is *union* (whether they are union members) and the independent variables are *ed* (years of education), *jobsat* (job satisfaction) and *polview* (political view).

#### Exercise #2

In the data frame *marketingdb.csv*, perform a multinomial regression where the dependent variable is *card* (card type) and the independent variables are *age*, *gender* and *income*.

### Exercise #3

In the data frame *marketingdb.csv*, perform an ordinal regression where the dependent variable is *jobsat* (job satisfaction) and the independent variables are *age*, *gender*, *income* and *ed* (education level).