## Module 2: *Creating a Dataset & Basic Data Management*

**Objectives:**

* Students will be aware of R’s basic datatypes and the type-conversion functions (Table 4.5)
* Students will be able to import data from files in .csv, Excel, and .txt formats
* Students will be able to create a dataframe and then add columns and/or rows to it
* Students will demonstrate proficiency with R operators (Table 4.2, 4.3)
* Students will understand how R handles missing and/or null values
* Students will know how to merge dataframes
* Students will know how to create subsets from an existing dataframe

**To Do List:**

* Read *R in Action (Chapter 2) + Reading Guide (Chapter2)*
* Complete *R Activity Worksheet (Chapter 2)*
* Take *Quiz (Chapter 2)*
* Read *R in Action (Chapter 4) + Reading Guide (Chapter 4)*
* Complete *R Activity Worksheet (Chapter 4)*
* Take *Quiz (Chapter 4)*

**Lecture(s):**

* TBD

**Activities**

*Complete the R Activity Worksheet (Chapter 2 & 4)*

* You’ll need to have R, RStudio, and MiKTeX installed to accomplish this activity.

**Supplemental Content**