**Data Import / Set Up**

getwd() – finds the current working directory

setwd() – sets the working directory for the session

read.csv(‘file.csv’) – read in a csv file

**Exploring the dataset**

View(df) – view the dataframe in your R environment (like an excel spreadsheet)

class() – determine the class of an object

str(df) – a summary of the structure of an object (e.g. data types)

head(df) and tail(df) – prints the first, or last, six rows of a dataframe

dim(df) – the dimensions (rows and columns) of a dataframe

nrow(df) and ncol(df) – the number of rows or columns in a dataframe

summary(df) – statistical summary of a dataframe

**Further Investigations**

which() – returns the position of the elements (e.g. row of dataframe) for which the logical expression is true.

E.g. which(df$column > 30) *returns the row numbers which have values >30 in this column*

which.max() and which.min() returns the position of the element with the maximal, or minimal value in an array (vector, column or row of data)

df[ , ] - indexing