**Stat 213: R Documentation**

R. Lock

**Getting Data into RStudio**

**Case 1. Data are in a dataframe in an R pacakge (such as Stat2Data)**

* Be sure the package is installed in your list of packages and checked
* Use the R command: **data(dataname)**

**Case 2. Data are in a .csv file (such as the datasets in our rstudioshared folder)**

* Select the *Import Dataset* menu in the Workspace area.
* Choose *From Text File*
* Navigate to the RStudio folder that has the .csv file.
* Select the file and choose “Open”.
* Check that the file is being read properly in the window (adjust header, separator, ... if needed).
* Click on Import to create the dataframe in that R session.

Note: You can accomplish the steps above with single R command like the one shown below

 **Planets = read.csv("~/rstudioshared/Stat213Fall2103/Stat213ClassData/Planets.csv")**

**Case 3. Data are in a spreadsheet outside of RStudio**

To use data that you have created outside of RStudio you need to upload the file from your computer to the RStudio server and then import it into your R session.

* Save the data as a .csv file in one of your usual computer directories.
* Get into RStudio and navigate in the file structure to where you want the .csv file to go.
* Choose “Upload” and browse to the location of the file in your outside directory.
* Choose the file and click OK to upload it to your RStudio folder.
* Proceed as in Case 2 above to make it into an R dataframe.