**Getting and Cleaning Data – Class Notes**

**Week 2: MySQL**

* “RMySQL” package allows pulling data from MySQL databases
* Once the package is loaded, you can connect to the database and send queries directly to the SQL databases
* Example:
  + ucscDb <- dbConnect(MySQL(), user = “genome”, host = “genome-mysql.cse.ucsc.edu”)
    - this opens a connection with the SQL database
  + result <- dbGetQuery(ucscDb, “show databases;”); dbDisconnect(uscsDb);
    - here we establish the connection with the SQL database and then we send a SQL query command – notice SQL syntax of the request