Professor McDonald
FNCE 5352 – Financial Programming and Modeling
March 13, 2019
SQL Class Notes

Cheat Sheets:

Below are the cheat sheets I used in class to help describe SQL and ggplot2

http://files.zeroturnaround.com/pdf/zt_sql_cheat_sheet.pdf

https://www.rstudio.com/wp-content/uploads/2015/03/ggplot2-cheatsheet.pdf

Try it out:

This is the website that allows you to execute SQL statements against an imaginary customer/orders database:

https://www.w3schools.com/sql/trysql.asp?filename=trysql_select_all

Topics covered:

Below is a list of topic I covered in class.

1) Relational database
    a. What is it
2) Select
    a. Fields
    b. aliases
3) From
4) Where
    a. =
    b. Between
    c. In ()
5) Group by
6) Having
7) Joins
    a. Inner
    b. Left
    c. Right
    d. Full
8) Subqueries
9) Data Manipulation
    a. Insert
    b. Update
    c. Delete
10) Data Definition
    a. Add Table
    b. Drop Table
11) Accessing a database with R
    a. RODBC
    b. https://gist.github.com/tgh0831/6379253fd6d82671005127a843456aaa