

DATA 210 Spring 2015
SQL-Related Homework project

Due date: By Sunday, 4/19 at 11:59pm

Submission instructions – cut and paste your working SQL queries from the query window in SQL Workbench into an MS Word file. Be sure to include a header in your Word file that provides your name. Submit your file as an attachment in either .doc or .pdf format via email to buhlerp@cofc.edu. Use the subject line: DATA210 SQL Homework.

Below you will find a list of queries to formulate against the MySQL database whose credentials you have been supplied with. When you connect to the database via the MySQL Workbench, you will be automatically directed to a screen which will allow you to enter SQL queries and execute them. You execute the query in the query tab by clicking on the lightning bolt icon.

This list should seem familiar; however, I have modified a few of them slightly to account for the changes to the underlying data model and schema that occurred when migrating from XML to a relational model.

1. retrieve the titles of all top level recipes
2. count the number of ingredient
3. retrieve a unique list of units of measure associated with ingredients
4. retrieve the nutritional information for the recipe titled “Ricotta Pie”
5. retrieve the ingredients associated with the recipe named “pastry”
6. retrieve the name of all recipes that have an ingredient that contains the word garlic
7. retrieve all ingredients for the recipe titled “Beef Parmesan with Garlic Angel Hair Pasta”
8. retrieve all preparation instructions for the recipe titled “Zuppa Inglese”
9. retrieve the preparation step that requires a “skillet”
10. print out the title of each recipe with its nutrition information