

CISC 3140 Lab 9

Although I have worked with databases in the past through my internships, I have had a long pause from them and I needed to refresh on them in this assignment. I chose Khan Academy because I have been using it for quite a while throughout my academic journey and it has never let me down. It always provides the best and the relevant tutorial for the given topic or subtopic. I have used it to study for exams, or just refresh on topics that my professors didn't really explain well during lecture.

In learning SQL, I reached working with multiple tables via joins. Thus far, I have learned creating a table and inserting data, aggregating data with SUM(), MAX() and grouping by column names. The format of the latter is generally like: **SELECT column1 FROM tableName GROUP BY column2**. I have also touched upon important filtering keywords such as IN, HAVING, AND or OR. **AND/OR** allow for SQL to handle multiple queries. **IN** allows you to test if an expression matches any value in a list of values, whereas **HAVING** places conditions on groups created by **GROUP BY**. **WHERE** adds conditions on selected columns.

This journey has certainly refreshed my SQL knowledge and I hope to continue it past this course. As I hope to work on the backend side of software engineering, as with other languages, I will need to keep up with SQL updates in order to work well with it and be successful.