**Discussion Question: MySQL**

**For this module's discussion board assignment respond to one the following topics:**

1. **Describe DDL. Provide at least two examples of DDL commands and explain when they might be used.**
2. **Describe DML. Provide at least two examples of DML commands and explain when they might be used.**
3. **Describe TCL. Provide at least two examples of TCL commands and explain when they might be used.**
4. **Describe DCL. Provide at least two examples of DCL commands and explain when they might be used.**

Reading our resources this week taught us more about DDL, DML, TCL, and DCL. All of these languages can be utilized in SQL as commands. For this discussion post, I will be focusing on Data Manipulation Language. According to Study Tonight (2019), data manipulation language commands “manipulate the data stored in the table and not the table itself.” Study Tonight (2019) also states that these commands are “not permanent,” meaning they can be changed or reversed. According to Comeau (2016), DML commands include “select, insert, update, and delete. DML also allows users to merge tables (Study Tonight, 2019).

There are a few ways that these commands can be utilized. The insert command might be used when the developer needs to insert a new row (Study Tonight, 2019). The delete command would be used to delete a row, while the update command allows the user to update an existing row (Study Tonight, 2019). These commands will enable the deletion of unnecessary rows, update of incorrect values or desired changes, and insert additional rows.

**References**

Comeau, A. (2016). *MySQL explained: your step-by-step guide to database design*. Ostraining.

Study Tonight. (2019). *Introduction to SQL (Structure Query Language) | Studytonight*. Studytonight.com. https://www.studytonight.com/dbms/introduction-to-sql.php

***Before you submit your thread, put your name in the subject line.***

**Assignment Requirements and Grading:**

1. **An initial post is due by Thursday, 11:59 p.m. CST.**
2. **For the initial post to be considered substantive, it should fully cover the topic(s) being presented. Single-sentence definitions or responses will not be awarded points.**
3. **Submit your post by clicking on the Assignment Link above, then Create Thread. You must create a thread in order to view your peers' posts. Tip: Create your post in a Word document and then copy and paste your work into the thread.**
4. **A minimum of three (3) responses, to the original threads of other students,, of 100-200 words each are due by Sunday, 11:59 p.m., CST.**
5. **To view the rubric grading criteria, click on the following link:**[**Discussion Board Grading Rubric.**](https://content.bellevue.edu/cst/csd/rubricdbv3.pdf)

**(50 points)**