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25 January 2019

INFO 330 Databases and Data Modeling

Assignment 03

Enhancing a Database

Introduction

This document is an introduction to SQL statements and how they are used in the real world. Basic SQL statements are covered as well as their purpose when interacting with the database.

Question Responses

1. The four basic statements are select, update, insert, and delete. Select gets data from tables, update updates the data, insert adds new information, and delete gets rid of data.
2. People use SQL statements to get information out of databases. They also use SQL to interact with and perform queries on database tables. People can use SQL statements to learn new information from database tables, such as in a data science role.
3. Some jobs that use SQL are database administrators, IT specialists, web designer, server management specialist, database specialists, and more. SQL is also used in combination with other programming languages in software engineering roles and data science roles.

Sources

<https://www.simplilearn.com/what-skills-do-i-need-to-become-a-data-scientist-article>

<https://www.ziprecruiter.com/e/What-Careers-Use-SQL>

Summary

SQL statements start simple but can become quite complicated. Having good knowledge of SQL opens up a lot of doors for job opportunities. A small list of jobs that require SQL knowledge is above and there are many more.