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Databases & Data Modeling

Assignment 03

**Writing SQL Statements**

**Introduction**

SQL is a very useful language and widely used in the industry. SQL has some basic commands as well as some that take more expertise to understand and use. SQL is a part of many things that most people aren’t aware of such as simply typing in a username and password to login to a website.

**Basic SQL Statements**

The basic SQL commands used are INSERT, SELECT, UPDATE, and DELETE. The INSERT command is used to manually insert data into a table. The SELECT command allows the user to pull from specific tables to read the data. UPDATE and DELETE are self-explanatory since UPDATE with update a table and DELETE with delete the data from the table.

**Using SQL Statements**

Using SQL directly entails actually writing the code, however there are many people who use it indirectly. Those people include those who enter data into a database interface which has SQL written underneath. These people are still using the language with actually knowing how to program.

**Jobs that use SQL**

SQL is a common language that is used in many jobs. Anyone who is looking to retrieve data from a database will most likely be using SQL. Some examples of this are data scientists, data analysts, business analysists, database administrators and more. These examples are from my own personal experience working over the summer as a data science intern.

**Conclusion**

Overall, SQL is a very useful language in more ways than most of us realize. I am excited to learn more of the language and improve my skills.