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**Assignment 06 – Views**

**Introduction**

In this assignment I will discuss SQL Views, Functions and Stored Procedures.

**When To Use SQL Views**

SQL Views are like virtual tables that contain data from one or more tables. They are best used to provide access to specific information to a specific audience without the need to fully access the database or having the knowledge to query the database to view relevant data.

**Differences Between SQL Views, Functions and Stored Procedures**

SQL Views are mainly used to store commonly used JOIN queries and specific columns to build virtual tables of a data set. An SQL Function is commonly used and re-used throughout SQL database applications for processing and manipulating data. Stored Procedures hold more complex logic, such as INSERT, DELETE, and UPDATE statements to automate large SQL workflows.

**Conclusion**

This past week we learned about SQL Views, Functions and Stored Procedures and practiced writing SQL queries using each.