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**SQL Views**

**Introduction**

In this report, I would like to document what I learned from Module 6.

**When a SQL view is used**

A SQL view is used for multiple purposes. A view may be used when you need to hide some columns of the table or the whole table. A view is used to restrict access to the table and provides security. However, the returned results of a view reflect the original table.

The Similarities and differences of a View, Function, and Stored Procedure.

The similarities of a View, Function and Stored Procedures are: 1) a query is pre-defined and saved for later use. When you just execute it, you can see the results in a pre-set format; 2) All of those three reduce some time to write code later. And the difference between a view, function and stored procedure is their purposes. A view is used to provide security and data protection. A Function is used to pre-define and save a SQL command and a Stored Procedure is to save a frequently used SQL statement.

**Summary**

Above is a summary of what I learned from Module 6.

Reference

SQL View https://en.wikipedia.org/wiki/View\_(SQL) (External website) Last accessed on November 21, 2021