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<center>Assignment 7 write up: advanced functions</center>

Introduction

In this module, we looked at advanced methods of getting different results from tables. Instead of getting direct 1:1 translation from one table, we looked at things like calculations, getting results only if certain conditions are met, etc.

Explain when you would use a SQL UDF.

One would use a SQL user defined function when someone would need to have a complex calculation or accepted parameters done throughout multiple tables or databases.

Explain are the differences between Scalar, Inline, and Multi-Statement Functions.

An inline function is a function where the function body is just one line of a select statement. On the other hand, a multi statement function is a table valued function with many statements in the table variant.

Conclusion:

There are many ways to retrieve values or conditions from specific tables. The way one retrieves this information all depends on the person's understanding of different methods like a function.