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21Feb24
GitHub URL:
https://github.com/aenorman1/DBFoundations-Module07

Assignment 07

In this assignment, I will explain when to us a SQL UDF, or user defined functions, and the differences between Scalar, Inline, and Multi-Statement Functions.

UDF's are used to create custom functions. The two basic types of functions are functions that return a table of values and functions that return a single value. Scalar Functions are when you can create UDFs to return a single (scalar) value as an expression. An in-line table-valued function just returns a single set of rows (WiseOwl Training, 2024). A multi-statement table-valued function is a function which returns a table of data, but only after some additional processing (Wise Owl Training, 2024).

I have described when to use a SQL UDF and the differences between Scalar, Inline, and Multi-Statement Functions in this assignment.

References

Wise Owl Training. 2024. *Simple (In-line) Table Value Functions.* (https://www.wiseowl.co.uk/blog/s347/in-line.htm.

Wise Owl Training. 2024. *Multi-Statement Table-Valued Functions.* https://www.wiseowl.co.uk/blog/s347/multi-statement.htm.