

Name: Sofia Carranza-Haynie

Date: May 30, 2023

Course: ITFdn130

Assignment 6

Introduction:

This week we learn

Topic: SQL User Defined Functions and Differences between Scalar, Inline and Multi-Statement Functions

Explain when you would use a SQL UDF

I would use a SQL User defined function when I want to create my own function.

Explain the difference between Scalar, Incline, and Multi-Statement Functions.

A Scalar function accepts any number of parameters and returns one value.

Inline Table-Valued Functions: This type of function returns a result set, much like a view. However, unlike a view, functions can accept parameters. The inline function's syntax is quite simple. In the function definition, the return type is set to a table.

Multi-Statement Table-Valued Functions: Multi-Statement functions can be used to do some very unique things outside the context of a standard SELECT statement. This type of function returns a table-type result set, but the table is explicitly constructed in script.

Summary

In conclusion, You can use SQL functions to perform actions, accept parameters, perform computational tasks, string manipulation and much more. This makes coding much easier for users.