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Assignment08

Functions

Introduction

In this paper I will be going over SQL User Defined Functions while also discussing the similarities and differences between Scalar, Inline, and Multi-Statement Functions.

SQL UDF

SQL User Defined Function (UDF) allows users to create reusable functions. After a user has created a UDF they are able to reference it in queries or when creating views. Some commonly used SQL UDF are Scalar, Inline, and Multi-Statement Functions.

Differences between Scalar, Inline, and Multi-Statement Functions

When working with Scalar, Inline, and Multi-Statement Functions you'll notice there are a few differences and similarities between the three Functions. Both Inline and Multi-Statement Functions return tables, while Scalar functions returns a single value of the type defined in the RETURNS clause. Inline and Multi-Statement Functions both return tables but the structure of these functions are different. Multi-Statement Functions has a return table variable whereas Inline Functions doesn't.

Summary

In this paper I went over SQL UDF while also discussing the similarities and differences between Scalar, Inline, and Multi-Statement Functions.