

Name: Coco Jones
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SQL UDFs

Introduction

In this report, I would like to document what I learned about the SQL User Defined Functions in the lesson.

When to use a UDF

A SQL User Defined Function is used to define your function, pass a parameter and return a value or set of values. Your function is saved in the SQL server and you can execute the function multiple times using different parameters and return results.

The differences between Scalar, Inline and Multi-Statement Functions

Scalar, Inline and Multi-Statement Functions are SQL User Defined Functions. One of the differences is that Scalar function returns a value while Inline and Multi-Statement Functions return a table. The difference between Inline and Multi-Statement function is that in Multi-Statement Function, you need to define the structure of the table, defining the data type of each column while in Inline you do not need to.

Summary

As explained above, SQL UDFs are used to define your function, pass a parameter and return a result.

Reference

SQL UDF <https://www.youtube.com/watch?v=OV5CguR1Svo> (External website) Last accessed on November 28, 2021