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IT FDN 130 Foundations Of Databases & SQL Programming

Assignment 07

Introduction

In this paper I will explain when to use SQL User Defined Functions (UDF). I will go into details the differences between Scalar, Inline, and Multi-Statement Functions.

When to use SQL User Defined Functions (UDF)

A developer uses UDF to create functions to perform actions within a SQL. It is important to note that UDF cannot be used to perform actions that modify the database state.

The differences between Scalar, Inline, and Multi-Statement Functions

Scalar, Inline and Multi-Statement are different types of UDF. When a developer needs a single value return then a Scalar function can be used. When a developer needs a single table return then an Inline function can be used and when a developer needs a defined table return then a Multi-Statement can be used in this case.

Summary

From this seventh class, I have learned to practice pulling data with Create Views, Functions and UDF functionalities. I have a better understanding and how View, Functions and UDF work and they are very useful in pulling data and operate complicated queries.