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Course: IT FDN 130 A

Assignment 07 – Writeup

Introduction

This week we focused on functions, covering a broad spectrum from date functions, to string, to convert/cast use cases. I used these to complete assignment seven.

Explain when you would use a SQL UDF

I would use a UDF to expand the capabilities of SQL beyond just simply extracting data. I would use it for repetitive operations, creating tables, views, multiplying two values together from different table results; there are many use cases that we didn't even begin to scratch the surface on in this assignment.

Explain the differences between Scalar, Inline, and Multi-Statement Functions

- **Scalar:** Returns a single value as a result.
- **Inline:** Returns a single row as a result.
- **Multi-Statement:** Returns multiple rows. Can perform more complicated SQL logic.

Summary

There were many aspects about functions covered here and further review is necessary. I plan to practice all of them as much as I can until I am in a professional working capacity with my knowledge.