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Course: IT FDN 130 A Module 7

Date: 08/14/2024

Github Link: https://github.com/philipmarafioti/DBFoundations

Introduction

In module 7 we learned about joins SQL functions and User Defined Functions (UDFs)

1. *Explain when you would use a SQL UDF.*

   A UDF in SQL is used to encapsulate code that may be run often. The function can be called at a later time to run the code to get your output. It is also used to reduce the repetition of writing code that will be used often. The UDF allows us to pass parameters to get the desired output. As opposed to a view that doesn't allow parameters.

2. *Explain are the differences between Scalar, Inline, and Multi-Statement Functions.*
   - Scalar Functions are used to return a single value
   - Inline functions are used to make our data development easier and usually return table values
   - Multi Statement functions are used when are used to return table values as well. however a multi statement function is used to define the structure of the table.

Summary

In summary we learned about how to write and use user defined function and sql system functions.