

Jeremy Warren

IT FDN 130

Module 6

Module 6: Views, Stored Procedures, and Functions

Introduction

In this paper, I will be talking about when it is appropriate to use views. I will also be discussing the differences and similarities between: Views, Stored Procedures, and Functions

Views

A view is a virtual table that can store select statements. Views contains rows and columns similar to a table. Views are always up to date as the query is run when the user requests it. It is not stored on the disk. Views are best practice to use as they provide a layer of abstraction between the user and the data on the tables.

Stored Procedures and Functions

Functions and stored procedures are very similar to views. Both can store select statements for use to query against. When using a function, you must specify "Returns table" and use Return at the beginning of the query. A stored procedure can be used when running the same code. The code can be saved and declared a stored procedure. Stored procedures start with "create procedure".

Summary

Views, stored procedures, and Functions can be used to store select statements. Each has advantages and it best practice to incorporate views when creating tables.

Github Link

<https://github.com/jwarrend/DBFoundations.git>