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February 22, 2022

IT FDN 130 Foundations Of Databases & SQL Programming

Assignment 06

## Introduction

In this paper I will explain when a developer would use a SQL View. I will go into details the differences and similarities between a View, Function and Stored Procedure.

What is a SQL View

A SQL View is like a virtual table that contains data from one or multiple tables. A developer can control access and user security in a SQL View.

The differences and similarities between a View, Function and Stored Procedure

A View is a virtual table and it does not physically exist and won't take up database storage. A View returns a specific pre-defined statement as exactly one result set. A function returns a single value or single result set. While a Stored Procedure is a group of statements that compiled into a single execution plan. A Stored Procedure doesn't always return a value while a Function must always return a value.

## Summary

From this sixth class, I have a lot about Views, Function and Stored Procedure and their usage and functionality. I have a better understanding and how View, Function and Stored Procedure work and understand that they are all different in a database.