

Name: Jeremy Harrod

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GitHub:

Assignment 06 – Views

Introduction

This paper will be explaining when you would use a SQL View, the differences and similarities between a View, Function, and Stored Procedure.

Topic- When you would use a SQL View

Use SQL View to store saved Select statements within a database's file. Many times, you want to save code for a complex Select statement and using a View is one way of storing that information on database. Also if you want to restrict users to a particular subset of data and set specific accessibility to that data.

Topic- The Differences and Similarities between a View, Function, and Stored Procedure

The similarities between a View, Function and Stored Procedures are that they are a named set of SQL statements. The differences are that in a View it returns a specific pre-defined statement as exactly one result set, a Function returns a single value or a single result set, and a Stored Procedure can return numerous parameters. A stored procedure in SQL Server can have input as well as output parameters. A function, on the other hand, can only have input parameters.

Summary

In this paper we explained when you would use a SQL View, the differences and similarities between a View, Function, and Stored Procedure.