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Course: IT FDN 130 A Sp 22: Foundations Of Databases & SQL Programming

Assignment 6

Introduction

In this assignment, I will compare views, functions, and stored procedures in SQL, all of which are named sets of SQL statements that have been saved for easy access.

Topic

Views are a useful way to abstract the data in a table. End users and applications do not directly query the database but a view from the database. This makes it possible to make changes to the actual database without breaking any applications that depend on the data and columns being formatted in a particular way. It also makes it easy to set permissions on different views, restricting access to confidential data to authorized users.

Functions are a more complex alternative to views. They allow you to add parameters to the saved statements. Stored procedures are similar to functions except that they can return more than one value.

Summary

Views, functions, and stored procedures are a way to save frequently used SQL statements.