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IT FDN 130 A Au 20: Foundations Of Databases
Assignment 6

Introduction

When would you use a SQL View?

A SQL view is a virtual table based on a SQL statement that you created. A view contains rows and columns. Views are used for security purposes. Data is stored in a virtual table and not permanently.

What are the differences and similarities between a View, Function and stored procedure?

A function is used to calculate results using given inputs. A procedure is used to perform certain tasks in order. A function can be called by a procedure. A procedure cannot be called by a function. The function must return a value but in Stored Procedure it is optional. A view returns a specific pre-defined statement as exactly one result set. A function returns a single value or a single result set. A storedprocedure/function is a group of sql statements that are pre-executed and it accepts the parameters.it reduces network traffic, gives faster performance.