Module 05 – Views

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Github link: <https://github.com/dross92/DBFoundations>

1. Explain when you would use a SQL View.

A View is used to store a specific select query called on existing database tables and allows users to select from that table (view) instead of the actual database tables. The view is a virtual table that recreates the underlying select query each time the view is selected from.

1. Explain are the differences and similarities between a View, Function, and Stored Procedure.

A view is a table created from a predefined selects statement. Functions add more depth and complexity than a view using input parameters. Functions cannot alter the data in the SQL server as in no UPDATE or INSERT allowed and the function must return a value. Functions must have at least one parameter whereas stored procedures do not have to have any parameters, can alter data in the SQL server, and do not have to return a value. Functions can be executed inside a stored procedure, while a stored procedure cannot be called inside a function.