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Assignment 6

You would use a SQL view when you want to reuse queries and call them back or use them to create a new query. It is also a way to eliminate working directly with the tables which risks making mistakes with the actual data in the database.

A view, function and stored procedure are all similar in how a user can call back the query within the saved view or function or stored procedure. The differences between them are that a function can return a value from a calculation which is its main purpose. A view cannot return a single value from a calculation, but it can be used for data security by creating virtual tables and making the data more granular for its purpose. A stored procedure is very similar to a view but to call it back, the user would have to execute the stored procedure rather than selecting it.