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**Date:** 08/17/2022

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Assignment 6 – View

# Introduction

As queries multiply and become complex, one needs higher-level abstractions to manage and reuse them.

# **SQL View**

A SQL view can represent a complex query or extend user privilege on data. To users, views are just like tables.

# **View, Function, and Stored Procedure**

Functions are like views in that they are saved queries that can return a table of values. But functions can also take arguments, and they can return scalar values.

Stored procedures are also saved SQL statements like views and functions, but stored procedures do not have to return a value and may alter database content – insertion or deletion.

# Summary

Views, functions, and stored procedures are powerful abstractions that extend greatly the power of SQL queries.