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IT FDN 130 A Sp 21: Foundations Of Databases & SQL Programming

Assignment06

<https://github.com/Student942/Assignment06_ArielOlson>

Assignment06

Introduction

This week I learned about how to write and run SQL views, Functions, and Stored Procedures.

1. Explain when you would use a SQL View.

A SQL View is used to save a select statement that may need to be run more than once. SQL Script is saved as a text file, but a View is stored in the database.

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

View- Views act as a saved select statement, saved under a name that can be later be used to run the select statement again.

Function- Functions are similar to views because they can return a table of values or a single value through a select statement stored in the database. They are different from Views because parameters can be used to alter the results.

Stored Procedure- Stored Procedures are also very similar to views and functions, with the ability to save a select statement in the database. Stored procedures can also contain other SQl queries, functions, and Stored procedures, not just a select statement.

Conclusion

Overall Views, functions, and stored procedures are very similar. Depending on the code needed it is up to the user to decide with method of saving a stamen to the database is best.