**Views, Functions, and Stored Procedures**

**Introduction**

This week in Module 6, we learned the importance of Views, Functions, and Stored Procedures. We touch on how SQL View is significant for an individual to understand, because it can be used to manipulate and sensitize the views of data. Lastly, I will touch on the similarities and differences between Views, Functions, and Stored Procedures. It is important to distinguish differences between these attributes in SQL, so statements can be executed and understood properly.

**Usage of SQL View**

In SQL Server, the View function can be useful towards multiple implementations and changes within a dataset. A SQL View is just a saved select statement that aids in the process of hiding changes towards a database a bit easier. Within a database, SQL Views can be functional when an individual need to show columns privately or publicly.

**Differences and Similarities between View, Function, and Stored Procedure**

In SQL Server, individuals can utilize the View, Function, or Stored Procedure in assisting in observing specific data within a table or database. Key differences between Views and Functions are unlike views functions can use parameters to change the results of the query. A Function can be used in a Select Statement as an expression, whereas a View cannot. Stored Procedures can be a bit unique and has key traits that differ them from Views and Functions. For example, in creating a Procedure you can only execute it rather than selecting or evaluating the Stored Procedure.

**Summary**

After this week, we have discussed the features in SQL of that are significant for showing and manipulating queries. These attributes in SQL can be helpful to simplify queries and to create an easier way to showcase certain data. Personally, SQL Views are easier to conceptualize rather than Stored Procedures. But, hopefully after a week of practice I will get the better at distinguishing when to use each function.