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**Github Link:** [tienn1000/DBFoundations-Module07 \(github.com\)](https://github.com/tienn1000/DBFoundations-Module07)

## **Assignment 7 – Functions**

### **Introduction**

This week, we learn how SQL Functions help us retrieve data from tables.

### **SQL UDF**

SQL UDF allows users create custom functions to accomplish specific tasks.

### **The difference between Scalar, Inline and Multi-Statement Functions**

While Scalar Function returns a single value, Inline and Multi-Statement Functions return a table of values. Specifically, Inline Function Output is specified based on a single statement, whereas Multi-Statement Function presents a table of values based on multiple statements.

### **Summary**

Functions in SQL is a powerful tool to help users solve complex calculation and perform particular tasks.