**Learn T-SQL Advanced Course**

**(Understanding Stored Procedures and more)**

In most cases, the principal way an application access and manipulates data in a database is through the use of stored procedures. This has made the life of a developer much easier. Instead of writing inline SQL code and then attempting to manipulate the data from within the code, the developer can take advantage of “encapsulated chunks of SQL methods” that are easily identifiable and accessible all within one location – the “Stored Procedure” folder of the database.

All complex data processing can now be performed on the server, allowing the client processing to focus more on presentation rather than manipulation of data.

**Purpose of this course:**

The purpose of this course is to introduce to the student what are stored procedures, how are they used, where they are stored, the advantages of using stored procedures, creating and understanding the ‘chunks’ of SQL code that make up a stored procedure, and finally executing the stored procedure and much more. Prerequisite for this course is Learn T-SQL! As this course will cover the ‘building blocks’ of stored procedure, it is the intent of this course that by the end of this course, the student will gain a better understanding of how to read and apply sprocs.

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