SQL Query Training - Next Week - Set Operators, Derived Tables and CTEs

The SQL Training was a lot of fun this week we covered Top, Ranking, NTILE, and Analytic functions in preparation for the Microsoft 70-461 exam.

Next week Aaron Buma and I will be presenting Set Operators, Derived Tables and CTEs. The live session will be with Google On Air Broadcasts Thursday Feb 12th at 9:00am (pacific). This is a FREE SQL Training available to anyone who would like to attend.

This one will be even more fun for me, as I will be presenting on CTEs. CTE stands for Common Table Expression which is a way to have a temporary result set similar to a subquery or derived table in SQL Server. I have spent a great deal of time studying CTEs over the last several years, and in 2013 I published a book on Common Table Expressions.

The CTE part of the presentation will include the following:

- Introduction to Memory Tables and CTEs
- Simple CTE
- CTE Instead of a Derived Table
- Multiple CTE in a Query
- Data Paging
- CTEs in Stored Procedures, Functions and Views
- Introduction To Recursive CTEs

CTE Related Posts:

- Writing Your First Common Table Expression with SQL Server
- Video: Writing Your First CTE with SQL Server
- Common Table Expressions - Terminating the Previous Statement
- CTE Scope
- Introduction to Recursive CTEs
- Recursive CTE for Dates In A Year
- Expanding on Recursive Dates CTE
- Multiple CTEs in a Query
- Nested CTEs
- Nested CTE's Gone Wild - The Video
- CTE Data Paging
- CTE Data Paging in a Procedure

- Using a CTE in a Function to Split Up a Query String

- Using a CTE to Split a String Into Rows
- Can we use CTEs use in SSRS?
- CTE Hierarchy compared to the alternative
- Calculating Factorials with a Recursive CTE
- CTE – With An Insert Statement
- Fibonacci Sequence
- Generating a Tree Path with a CTE
- CTE Query Performance
- Multiple CTE's in a single Query
- Recursive CTE's

Common Table Expressions Book

If you enjoyed this posting, and want to learn more about common table expressions, please take a look at my book on CTE's at Amazon.com. The book is titled Common Table Expressions - Joes 2 Pros® - A CTE Tutorial on Performance, Stored Procedures, Recursion, Nesting and the use of Multiple CTEs.