

Pro Performance Tips & Tricks to a Faster, More Stable SQL Server

Instructors: Jason Brimhall and Wayne Sheffield

Course Description

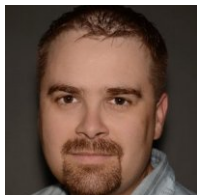
A review of database design and coding implementations and how they can be murder on SQL Server in terms of performance, security, storage and even accuracy.

Join Microsoft Certified Masters, Wayne Sheffield and Jason Brimhall, as they examine numerous database design and coding implementations that they have seen over the years. They will explore these implementations and show how they can be murder on SQL Server in terms of performance, security, storage and even accuracy. You will learn how you can identify these “killers” and how you can implement alternatives that will keep data professionals, management, and end-users happy. All while keeping your databases happy, secure, turbo-charged and healthy.

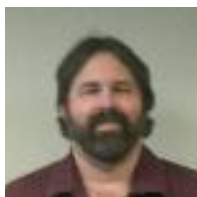
Some of what we'll be covering:

- SQL Injection
- Row-by-Row / Iteration / Cursors
- Some of the many ways that Views can be abused
- Functions: which ones you should use for better performance, and why.
- Inherent design flaws of table variables that can lead to performance issues
- Assumptions in the use, or lack therein, of an ORDER BY clause
- The effects of SARG-ability on query performance and the Cardinality Estimator
- Data Types and the effects on storage, performance, and maintenance operations
- Explore some performance implications when using various methods in lieu of a Join
- Various tools can also have an impact on Database performance and we will explore that too!
- And much, much more

About the Instructors



Jason Brimhall has 10+ yrs experience and has worked with SQL Server from 6.5 through SQL 2014. He has experience in performance tuning, high transaction environments, as well as large environments. He is currently a consultant specializing in performance tuning, server analysis and problem resolution. Jason is a Microsoft Certified Master(MCM) and Microsoft MVP in SQL Server.



Wayne Sheffield, a Microsoft Certified Master in SQL Server, started working with xBase databases in the late 80's. With over 20 years in IT, he has worked with SQL Server (since 6.5 in the late 90's) in various dev/admin roles, with an emphasis in performance tuning. He is the author of several articles at www.sqlservercentral.com, a co-author of SQL Server 2012 T-SQL Recipes, and enjoys sharing his knowledge by presenting at SQL PASS events and blogging at <http://blog.waynesheffield.com/wayne>.