



# SQL Server 2012 Query Performance Tuning (Expert's Voice in SQL Server)

*Grant Fritchey*

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Queries not running fast enough? Tired of the phone calls from frustrated users? Grant Fritchey's book *SQL Server 2012 Query Performance Tuning* is the answer to your SQL Server query performance problems. The book is revised to cover the very latest in performance optimization features and techniques. It is current with SQL Server 2012. It provides the tools you need to approach your queries with performance in mind.

*SQL Server 2012 Query Performance Tuning* leads you through understanding the causes of poor performance, how to identify them, and how to fix them. You'll learn to be proactive in establishing performance baselines using tools like Performance Monitor and Extended Events. You'll learn to recognize bottlenecks and defuse them before the phone rings. You'll learn some quick solutions too, but emphasis is on designing for performance and getting it right, and upon heading off trouble before it occurs. Delight your users. Silence that ringing phone. Put the principles and lessons from *SQL Server 2012 Query Performance Tuning* into practice today.

- Establish performance baselines and monitor against them
- Troubleshoot and eliminate bottlenecks that frustrate users
- Plan ahead to achieve the right level of performance

### What you'll learn

- Establish performance baselines and monitor against them
- Recognize and eliminate bottlenecks leading to slow performance
- Deploy quick fixes when needed, following up with long term solutions
- Implement best-practices in T-SQL so as to minimize performance risk
- Design in the performance that you need through careful query and index design
- Take advantage of the very latest performance optimization features in SQL Server 2012

### Who this book is for

*SQL Server 2012 Query Performance Tuning* is aimed at developers and database administrators having responsibility for application performance in SQL Server environments. Programmers and administrators alike will find the book a trove of good insight into bottlenecks, how to recognize them, how to eliminate them. *SQL Server 2012 Query Performance Tuning* provides the tools and techniques readers need to create good-performing applications that delight their users.

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