Microsoft

Foreword by Tobias Ternström
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Microsoft® SQL Server® 2012 High-Performance T-SQL Using Window Functions

Itzik Ben-Gan
SolidQ

Microsoft® SQL Server® 2012 High-Performance T-SQL Using Window Functions

Apply powerful window functions in T-SQL—and increase the performance and speed of your queries

Optimize your queries—and obtain simple and elegant solutions to a variety of problems—using window functions in Transact-SQL. Led by T-SQL expert Itzik Ben-Gan, you'll learn how to apply calculations against sets of rows in a flexible, clear, and efficient manner. Ideal whether you're a database administrator or developer, this practical guide demonstrates how to use a range of T-SQL querying solutions to address common business tasks.

Discover how to:

- Go beyond traditional query approaches to express set calculations more efficiently
- Delve into ordered set functions such as rank, distribution, and offset
- Implement hypothetical set and inverse distribution functions in standard SQL
- Use strategies to improve sequencing, paging, filtering, and pivoting
- Increase query speed using partitioning, ordering, and coverage indexing
- Apply new optimization iterators such as Window Spool
- Handle common issues such as running totals, intervals, medians, and gaps

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*For **system requirements**, see the Introduction.*

ISBN: 978-0-7356-5836-3

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U.S.A. $36.99
Canada $38.99
[*Recommended*]

Databases/Microsoft SQL Server

About the Author

Itzik Ben-Gan, a Microsoft MVP for SQL Server since 1999, is cofounder of SolidQ, a company that provides consulting and training services for the entire Microsoft data platform. He writes numerous articles for *SQL Server Pro* magazine and speaks at industry events such as the Professional Association for SQL Server (PASS) and Microsoft TechEd.

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