

1. Record Nr.	UNINA9910674351303321
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Titolo	Expert Performance Indexing in Azure SQL and SQL Server 2022 : Toward Faster Results and Lower Maintenance Both on Premises and in the Cloud // by Edward Pollack, Jason Strate
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2023
ISBN	9781484292150 1484292154
Edizione	[4th ed. 2023.]
Descrizione fisica	1 online resource (649 pages)
Collana	ITpro collection
Disciplina	005.7585
Soggetti	Database management Microsoft software Microsoft .NET Framework Database Management Microsoft
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Index Fundamentals -- 2. Index Storage Fundamentals -- 3. Examining Index Contents -- 4. Fragmentation -- 5. Index Metadata and Statistics -- 6. XML Indexes -- 7. Spatial Indexing -- 8. Indexing Memory-Optimized Tables -- 9. Full-Text Indexing -- 10. Indexing Myths and Best Practices -- 11. Index Maintenance -- 12. Indexing Tools -- 13. Indexing Strategies -- 14. Query Strategies -- 15. Monitoring Indexes -- 16. Index Analysis -- 17. Indexing Methodology.
Sommario/riassunto	Take a deep dive into perhaps the single most important facet of query performance—indexes—and how to best use them. Newly updated for SQL Server 2022 and Azure SQL, this fourth edition includes new guidance and features related to columnstore indexes, improved and consolidated content on Query Store, deeper content around Intelligent Query Processing, and other updates to help you optimize query execution and make performance improvements to even the most challenging workloads. The book begins with explanations of the types of indexes and how they are stored in a database. Moving further into the book, you will learn how statistics are critical for optimal index

usage and how the Index Advisor can assist in reviewing and optimizing index health. This book helps you build a clear understanding of how indexes work, how to implement and use them, and the many options available to tame even the most large and complex workloads. What You Will Learn Properly index row store, columnstore, and memory-optimized tables Make use of Intelligent Query Processing for faster query results Review statistics to understand indexing choices made by the optimizer Apply indexing strategies such as covering indexes, included columns, and index intersections Recognize and remove unnecessary indexes Design effective indexes for full-text, spatial, and XML data types.
