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	Titolo	SQL Server 2019 Revealed : Including Big Data Clusters and Machine Learning / / by Bob Ward
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	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (435 pages)
	Disciplina	005.7585
	Soggetti	Database management
		Microsoft software
		Microsoft .NET Framework
		Database Management
		Microsoft and .NET
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
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	Nota di contenuto	1. Why SQL Server 2019? -- 2. Intelligent Performance -- 3. New Security Capabilities -- 4. Mission Critical Availability -- 5. Modern Development Platform -- 6. SQL Server 2019 on Linux -- 7. Inside SQL Server Containers -- 8. SQL Server on Kubernetes -- 9. SQL Server Data Virtualization -- 10. SQL Server Big Data Clusters -- 11. The Voice of the Customer and Migration.
	Sommario/riassunto	Get up to speed on the game-changing developments in SQL Server 2019. No longer just a database engine, SQL Server 2019 is cutting edge with support for machine learning (ML), big data analytics, Linux, containers, Kubernetes, Java, and data virtualization to Azure. This is not a book on traditional database administration for SQL Server. It focuses on all that is new for one of the most successful modernized data platforms in the industry. It is a book for data professionals who already know the fundamentals of SQL Server and want to up their game by building their skills in some of the hottest new areas in technology. SQL Server 2019 Revealed begins with a look at the project's team goal to integrate the world of big data with SQL Server into a major product release. The book then dives into the details of

key new capabilities in SQL Server 2019 using a "learn by example" approach for Intelligent Performance, security, mission-critical availability, and features for the modern developer. Also covered are enhancements to SQL Server 2019 for Linux and gain a comprehensive look at SQL Server using containers and Kubernetes clusters. The book concludes by showing you how to virtualize your data access with Polybase to Oracle, MongoDB, Hadoop, and Azure, allowing you to reduce the need for expensive extract, transform, and load (ETL) applications. You will then learn how to take your knowledge of containers, Kubernetes, and Polybase to build a comprehensive solution called Big Data Clusters, which is a marquee feature of 2019. You will also learn how to gain access to Spark, SQL Server, and HDFS to build intelligence over your own data lake and deploy end-to-end machine learning applications. You will: Implement Big Data Clusters with SQL Server, Spark, and HDFS Create a Data Hub with connections to Oracle, Azure, Hadoop, and other sources Combine SQL and Spark to build a machine learning platform for AI applications Boost your performance with no application changes using Intelligent Performance Increase security of your SQL Server through Secure Enclaves and Data Classification Maximize database uptime through online indexing and Accelerated Database Recovery Build new modern applications with Graph, ML Services, and T-SQL Extensibility with Java Improve your ability to deploy SQL Server on Linux Gain in-depth knowledge to run SQL Server with containers and Kubernetes Know all the new database engine features for performance, usability, and diagnostics Use the latest tools and methods to migrate your database to SQL Server 2019 Apply your knowledge of SQL Server 2019 to Azure.