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	Autore	Schwichtenberg Holger
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	Descrizione fisica	1 online resource (665 pages)
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		Microsoft .NET Framework
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		Microsoft and .NET
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		Big Data
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	Nota di contenuto	Chapter 1: Introducing Entity Framework Core -- Chapter 2: Installing Entity Framework Core -- Chapter 3: Concepts of Entity Framework Core -- Chapter 4: Reverse Engineering for Existing Databases (Database First Development) -- Chapter 5: Forward Engineering for New Databases -- Chapter 6: Customizing the Database Schema -- Chapter 7: Database Schema Migrations -- Chapter 8: Read Data with LINQ -- Chapter 9: Object Relationships and Loading Strategies -- Chapter 10: Inserting, Deleting, and Modifying Records -- Chapter 11: Concurrency (Preventing Conflicts) -- Chapter 12: Logging -- Chapter 13: Asynchronous Programming -- Chapter 14: Dynamic LINQ Queries -- Chapter 15: Read and Modify Data with SQL, Stored Procedures, and Table Valued Functions -- Chapter 16: Tips and Tricks for Mapping -- Chapter 17: Performance Tuning -- Chapter 18: Software Architecture with Entity Framework Core -- Chapter 19: Commercial Tools -- Chapter 20: Additional Components -- Chapter 21: Appendix A: Case

	Studies -- Chapter 22: Appendix B: Internet Resources -- Chapter 23: Appendix C: New Features in Entity Framework Core 2.1.
Sommario/riassunto	C# developers, here's your opportunity to learn the ins-and-outs of Entity Framework Core, Microsoft's recently redesigned object-relational mapper. Benefit from hands-on learning that will teach you how to tackle frustrating database challenges, such as workarounds to missing features in Entity Framework Core, and optimizing the performance of your applications, head-on! Modern Data Access with Entity Framework Core teaches best practices, guidance, and shortcuts that will significantly reduce the amount of resources you internally dedicate to programming data access code. The proven methods and tools taught in this book, such as how to get better performance, and the ability to select the platform of your choice, will save you valuable time and allow you to create seamless data access. Get ready to learn everything from installing Entity Framework Core, reverse engineering, forward engineering (including schema migrations), and data reading and modification with LINQ, Dynamic LINQ, SQL, Stored Procedures, and Table Valued Functions to using third-party products such as LINQPad, Entity Developer, Entity Framework Profiler, EFPlus, and AutoMapper. You'll also appreciate excerpts of conceptual software architecture discussion around Entity Framework Core that might otherwise take years to learn. What You'll Learn: Understand the core concepts of Entity Framework Core, as well process models for existing databases (reverse engineering) and the generation of database schemas from object models (forward engineering) Study real-world case studies for hands-on EF Core instruction Get up to speed with valuable database access scenarios and code samples Discover workarounds to augment missing features in Entity Framework Core Use Entity Framework Core to write mobile apps This book is for software developers who have basic experience with .NET and C#, as well as some understanding of relational databases. Knowledge of predecessor technologies such as ADO.NET and the classic ADO.NET Entity Framework is not necessary to learn from this book. Holger Schwichtenberg is a Microsoft MVP and a technical lead with the German company IT-Visions, where he consults and trains developers throughout Europe. He also serves as software architect for 5Minds IT-Solutions. Holger is a huge fan of Entity Framework and Entity Framework Core and regularly speaks on the topics at events. Holger has a Ph.D. in business informatics.