1.	Record Nr.	UNINA9910523787703321
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	Titolo	Practical entity framework core 6 : database access for enterprise applications / / Brian L. Gorman
	Pubbl/distr/stampa	New York, New York : , : Apress L. P., , [2022] ©2022
	ISBN	1-4842-7301-X
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (812 pages)
	Disciplina	005.7565
	Soggetti	Database management Enterprise application integration (Computer systems)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Introduction -- Part I. Getting Started -- 1. Introduction to Entity Framework -- 2. Working with an Existing Database -- 3. Entity Framework: Code First -- Part II. Building the Data Solution -- 4. Models and the Data Context -- 5. Constraints, Keys, and Relationships -- 6. Data Access (Create, Read, Update, Delete) -- 7. Stored Procedures, Views, and Functions -- 8. Sorting, Filtering, and Paging -- Part III. Enhancing the Data Solution -- 9. LINQ for Queries and Projections -- 10. Encryption of Data -- 11. Repository and Unit of Work Patterns -- 12. Unit Testing, Integration Testing, and Mocking -- 13. Asynchronous Data Operations and Multiple Database Contexts -- Part IV. Recipes for Success -- 14. .NET 5 and EFCore5 -- 15. .NET 6 and EF Core 6 -- 16. Appendix A: Troubleshooting.
	Sommario/riassunto	Take a developer journey that paves the way to enterprise-level database access from .NET and C# using the object-relational mapper (ORM) of choice. This second edition is revised to cover Entity Framework Core 5 and 6 (EF) and includes new content on table-per-type mapping, LINQ improvements (filtered includes), many-to-many navigation changes, split queries, simple logging using the DBCommandInterceptor, and other improvements available in EF Core 6. Real-world examples and considerations are presented in this book to help you create robust and efficient database solutions. Throughout the text, actual problems, questions, and common pitfalls are provided

to help you recognize optimal solutions for maximum success in the different application scenarios you might encounter. Practical Entity Framework Core 6 focuses on the code first approach to developing a database. Taking the code first approach allows the entire database to be built and maintained in code using EF Core 6 so there is never a situation in which you cannot restore the database schema. Additionally, the code first approach creates an entirely transparent record of changes to the database that is easily tracked in source control systems such as GitHub. Emphasis throughout the book is on leaving you well positioned to architect and lead data development efforts for your organization. What You Will Learn Build robust and maintainable databases using a code first approach Create and execute stored procedures, triggers, and functions Analyze and optimize performance of database queries Ensure data integrity through keys, constraints, and relationships Encrypt your database columns at rest with TDE and Always-On Encryption Leverage the FluentAPI and attributes for entity configuration Who This Book Is For .NET developers who work with enterprise-level applications and need to interact with data structures and data within the back end data store, developers who want to take a code first approach to building database applications to prevent conflicts and optimize efficiency, and those who are moving into full-stack roles, or into senior and architectural roles, and will be responsible for database design and implementation.