



Neo4j Graph Data Modeling

Mahesh Lal

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Design efficient and flexible databases by optimizing the power of Neo4j

About This Book

- Model your data as a graph using Neo4j to design databases with minimum hassle
- Discover new patterns using graphs and solve problems that are difficult to solve using any other database
- Step-by-step guide to designing a graph model with pitfalls and design choices

Who This Book Is For

If you are a developer who wants to understand the fundamentals of modeling data in Neo4j and how it can be used to model full-fledged applications, then this book is for you. Some understanding of domain modeling may be advantageous but is not essential.

What You Will Learn

- Translate a problem domain from a whiteboard to your database
- Make design decisions based on the nature of data and how it is going to be used
- Use Cypher to create and query data
- Evolve your database in stages
- Optimize the performance of your application with data design
- Design paradigms to ensure flexibility, ease of querying, and performance
- Move from an existing model to a new model without losing consistency

In Detail

Neo4j is a graph database that allows you to model your data as a graph and find solutions to complex real-world problems that are difficult to solve using any other type of database.

This book is designed to help you understand the intricacies of modeling a graph for any domain.

The book starts with an example of a graph problem and then introduces you to modeling non-graph problems using Neo4j. Concepts such as the evolution of your database, chains, access control, and recommendations are addressed, along with examples and are modeled in a graph. Throughout the book, you will discover design choices and trade-offs, and understand how and when to use them. By the end of the book, you will be able to effectively use Neo4j to model your database for efficiency and flexibility.

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Spent a free time to be fun activity to do! A lot of people spent their spare time with their family, or their own friends. Usually they accomplishing activity like watching television, likely to beach, or picnic inside park. They actually doing same every week. Do you feel it? Would you like to something different to fill your own personal free time/ holiday? Could possibly be reading a book might be option to fill your free of charge time/ holiday. The first thing that you will ask may be what kinds of reserve that you should read. If you want to try out look for book, may be the guide untitled Neo4j Graph Data Modeling can be very good book to read. May be it could be best activity to you.

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