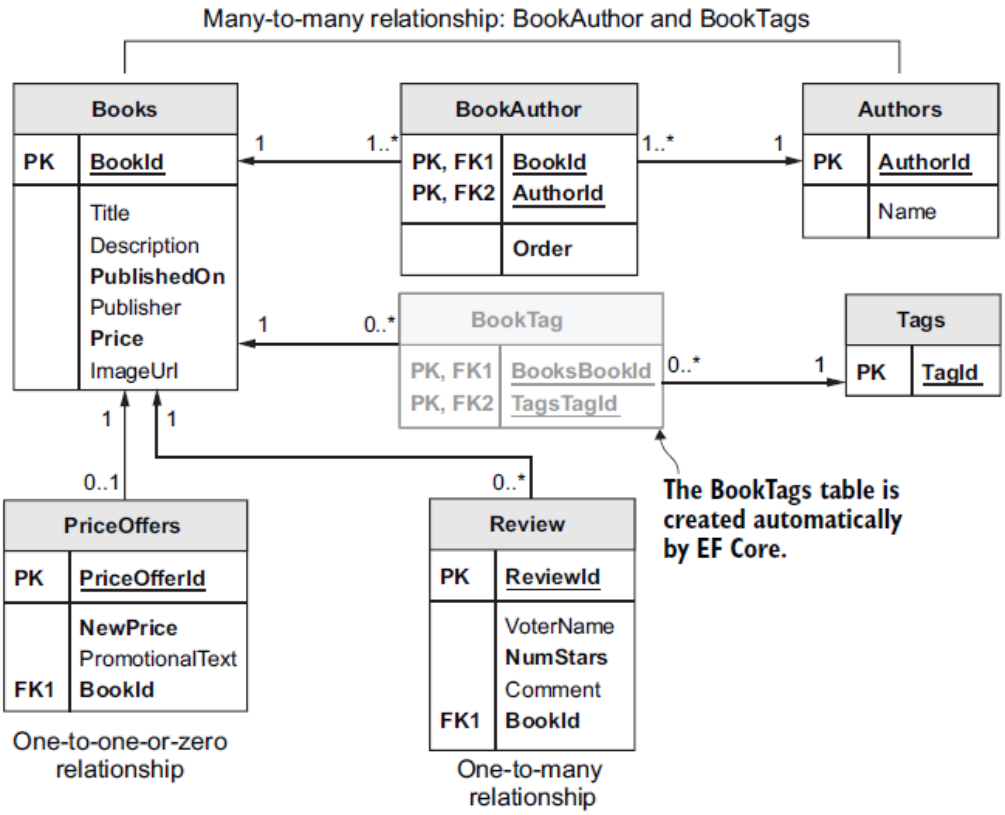
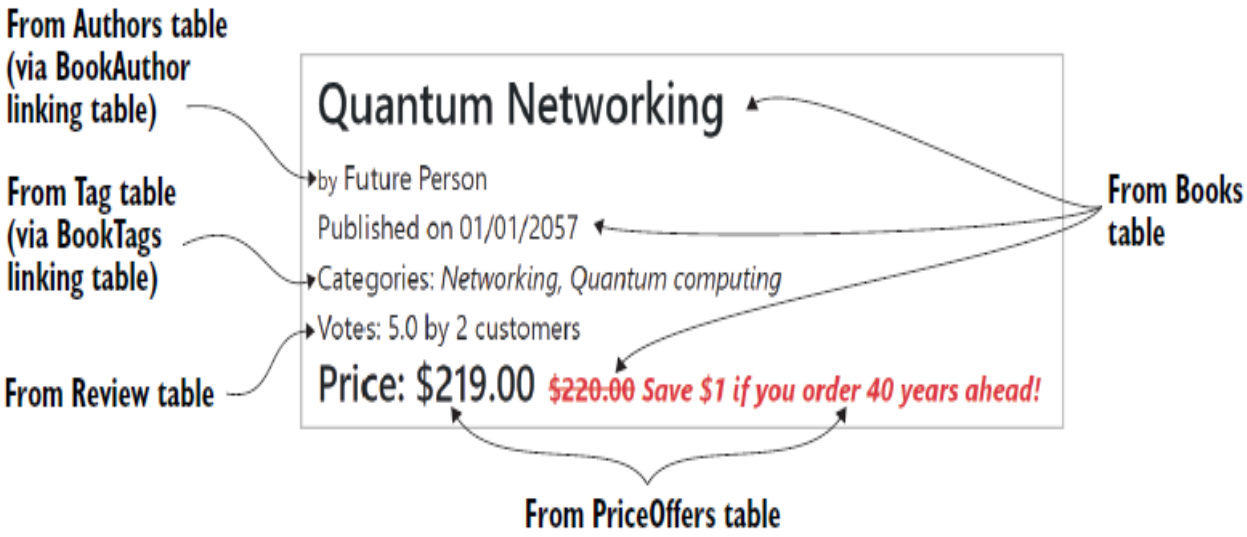


- A book can have a promotional price applied to it with an optional row in the Price- Offer, which is an example of a one-to-one relationship. (Technically, the relationship is one-to-zero-or-one, but EF Core handles it the same way.)

- You want to allow customers to review a book; they can give a book a star rating and optionally leave a comment. Because a book may have no reviews or many (unlimited) reviews, you need to create a table to hold that data. In this example, you'll call the table Review. The Books table has a one-to-many relationship to the Review table.

- Books can be written by one or more authors, and an author may write one or more books. Therefore, you need a table called Books to hold the books data and another table called Authors to hold the authors. The link between the Books and Authors tables is called a *many-to-many relationship*, which in this case needs a linking table to achieve this relationship. In this case, you create your own linking table with an Order value in it because the names of the authors in a book must be displayed in a specific order.

- Books can be tagged with different categories—such as Microsoft .NET, Linux, Web, and so on—to help the customer to find a book on the topic they are interested in. A category might be applied to multiple books, and a book might have one or more categories, so a many-to-many linking table is needed. But unlike in the previous BookAuthor linking table, the tags don't have to be ordered, which makes the linking table simpler.


From Authors table (via BookAuthor linking table)
From Tag table (via BookTags linking table)
From Review table
Quantum Networking
by Future Person
Published on 01/01/2057
Categories: Networking, Quantum computing
Votes: 5.0 by 2 customers
Price: $219.00 $220.00 Save $1 if you order 40 years ahead!
From Books table
From PriceOffers table