

Databases

Lecture 4 - Entity-Relationship-Model

Emily Lucia Antosch

HAW Hamburg

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Contents

1. Introduction	2
2. Relationships	6
3. License Notice	8

1. Introduction

1.1 Where are we right now?

- Last time, we looked at how to logically and conceptually design databases.
- You also learned about how to use simple SQL language to map a conceptually designed database to an actual one.
- Today, we'll look at
 - ▶ what relationships are in terms of databases,
 - ▶ how we can use constraints to enforce our relationships and,
 - ▶ how we can implement that in SQL.

1.1 Where are we right now?

1. Introduction

1. Introduction
2. Basics
3. SQL
4. Entity-Relationship-Model
5. **Relationships**
6. Constraints
7. More SQL
8. Subqueries & Views
9. Transactions
10. Database Applications
11. Integrity, Trigger & Security

1.2 What is the goal of this chapter?

- At the end of this lesson, you should be able to
 - ▶ define relationships and identify which type of relationship that is and,
 - ▶ decide how to implement that relationship in SQL.

2. Relationships

3. License Notice

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