

Relational Database Fundamentals

Designed for students who not only need to learn the basics of the SQL language but to also understand how true databases function and understand the benefits of using these specialized tools. It is also recommended for students who need to learn MS Excel Power Pivots which is also based on relational concepts. It also provides the fundamental knowledge and techniques needed to advance to more complex data analysis scenarios.

Group classes in NYC and onsite training is available for this course. For more information, email contact@nyimtraining.com or visit: <https://training-nyc.com/courses/relational-database-fundamentals>



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Course Outline

Lesson 1: Relational Databases Comparison

Topic A: Flat File Database
Topic B: Relational Database

Lesson 2: Planning a Layout

Topic A: Data Normalization
Topic B: Building Tables
Topic C: Creating Fields

Lesson 3: Identifying Relationships

Topic A: Keys and Indexes
Topic B: Referential Integrity

Lesson 4: Retrieving Data

Topic A: Basic Queries
Topic B: Introduction to SQL