

# Beginner SQL

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## Course Overview

SQL is a powerful and popular database program that is widely used for data analysis and manipulation. Learn to use SQL as a tool to implement logic, define instructions, and compose SQL queries to retrieve information from the database in our beginner SQL training class.

Our SQL courses are taught in our state-of-the-art training facility in Manhattan in small class sizes. The course includes our proprietary, step-by-step training manual customized by a top SQL instructor in New York.

For more of the top SQL classes in New York City, see our intermediate and advanced SQL courses. Our intermediate SQL training covers advanced querying using subqueries, manipulating table data and table structure, and indexing data. Our advanced SQL class reviews text functions, stored procedures, and automating processes.

### **I. Basic Concepts**

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- 1) Microsoft SQL Server
- 2) What is SQL?
- 3) What are Relational Databases?

### **II. The Graphic User Interface**

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- 4) Object Explorer
- 5) Query Window
- 6) Results Grid
- 7) Options

### **III. The Code**

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- 8) Basic Clauses
- 9) Field and Table Aliases
- 10) Creative use of Aliases
- 11) Inner and Outer Table Joins
- 12) Self Joins
- 13) Union Joins
- 14) Cross Joins
- 15) Aggregations
- 16) Distinct Records
- 17) Text Criteria & Operators
- 18) Wildcard Filters
- 19) Numeric Criteria & Operators

### **IV. Student Labs**

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