Advanced SQL

Course Overview

SQL is a powerful and popular database program that is widely used for data analysis and manipulation. The Career Center provides hands-on Instructor-led training in small class sizes to provide an ideal training experience. When you arrive at The Career Center you are given a Course Manual, that is yours to keep, and then shown to your seat with a computer that is fully equipped with SQL. The instructor computer is attached to an overhead projector so you can easily follow their instructions. The class is taught in a very hands-on way, with the instructor teaching a concept and then the class doing exercises to enforce it. The maximum class size is 10 so you don't have to worry about getting lost in the crowd.

I. Importing and Exporting Data
1) Creating a Database and Tables in SQL
2) Importing and Exporting Data from and to Excel
3) Importing and Exporting Data from and to Access
4) Importing, Updating and Deleting Data via Code

II. Building Control Structures
5) Creating Primary Keys, Indexes and Constraints
6) Setting up Referential Integrity
7) Creating Database Diagrams

III. Temporary Tables
8) Low Level Security Overview
9) Local Temp Tables
10) Global Temp Tables

IV. Stored Procedures
11) Parameter Queries using Variables through Views
12) Automation of Workflow Processes
13) Triggers to Create Workflow Events

NYC Career Centers
(212) 684-5151
nyc@careercenters.com
careercenters.com