COURSE SYLLABUS

SQL Bootcamp

Learn Microsoft SQL Server to extract information from databases by writing SQL queries, joining tables, aggregating data, and filtering the results. Extract actionable insights from data sets in this hands-on training.

> Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://training-nyc.com/courses/sql-bootcamp-nyc



nyc@careercenters.com • (212) 658-1918

Course Outline

This package includes these courses

- SQL Server Level I (6 Hours)
- SQL Server Level II (6 Hours)
- SQL Server Level III (6 Hours)

SQL Server Level I

- Explore information stored in a database (tables, columns, rows, etc.) using the graphical interface of SQL Server Management Studio (Microsoft's free database app)
- Write SQL queries to retrieve data from tables in a database
- Primary SQL clauses including SELECT and FROM
- Filtering the results using WHERE, AND/OR, IN, and NOT
- Wildcard filters as well as mathematical comparisons like equals, greater than, less than, etc.
- Combine information from multiple tables with inner JOINs

SQL Server Level II

- Learn to use Outer Joins and find NULL data
- Group data and perform common statistical calculations using Aggregate Functions
- Filter grouped data with HAVING
- Use CAST to make a data type fit your query's needs
- Work with dates and time

SQL Server Level III

- Use Subqueries to grab data from anywhere in a database and use that result in another query
- Query from Views instead of tables

- Add If-Else logic to queries using CASE
- Learn how to use Functions, and execute reusable Stored Procedures
- Use String Functions to get just the part of text you need