

SQL Level II

Build upon SQL basics to achieve easier and more targeted data analytics. You'll learn how to use views, subqueries, math functions, and logic statements to find data that meet specific search criteria. You'll also learn how to increase report readability by using data conversion functions to format data.

Group classes in NYC and onsite training is available for this course. For more information, email hello@nobledesktop.com or visit: <https://www.nobledesktop.com/classes/sql-level-2>



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Course Outline

Saving Queries Programmatically

- Benefits versus Shortcomings
- Views
- Functions
- Stored Procedures
- Layered Views
- Protect Views with Schema binding
- Create Top Value Views

Sub Queries

- What is a Sub Query?
- Clarity and Transparency
- Single Table Sub Query
- Multiple Table Sub Query
- Exists versus In Operators
- Any versus All Operator

Math, Advanced Functions and Logic Statements

- Basic Math
- Advanced Date and Time Functions
- Advanced Text Functions
- Case When Then Logic Statements
- Variables and User Functions

Data Conversion Functions

- String Functions

- Cast Function
- Convert Function
- Rounding Functions

Student Labs

- Creating Views
- Sub Queries
- Advanced Functions
- Logic and Date Functions
- Conversion Functions