

# SQL Advanced Training Curriculum



## SQL Training Topics

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Having

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Subqueries

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Unions

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Group By

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Case statements

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## Training Syllabus

### Retrieving Data from Multiple Tables

Retrieve data from at least 4 - 8 tables using various forms of **JOINS** (Left, Right, Inner, and Full)

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### Filtering Aggregated Data

Utilize **HAVING** statements to filter aggregated data

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Summarize aggregated data by categories while using **GROUP BY**

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### Appending Multiple Query Results

Utilize **UNION** to combine multiple query results into one consolidated list

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### Embedding Multiple Queries in One Query

Utilize **SUBQUERIES** to write multiple queries into one subset

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### Logic Statements

Apply logic statements (If/then) to table data via **CASE** statements

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**DATA TELLS A STORY. BE THE STORYTELLER**