

OVERVIEW OF SQL

- Introduction to database concepts and terminology
- Introduction to SQL Management Service

Lesson 1: Executing a Simple Query

- Connect to the SQL Database
- Query a Database
- Save a Query
- Modify a Query
- Execute a Saved Query

Lesson 2: Performing a Conditional Search

- Search Using a Simple Condition
- Compare Column Values
- Search Using Multiple Conditions
- Search for a Range of Values and Null Values
- Retrieve Data Based on Patterns

Lesson 3: Working with Functions

- Perform Date Calculations
- Calculate Data Using Aggregate Functions

Lesson 4: Organizing Data

- Sort Data
- Rank Data
- Group Data
- Filter Grouped Data
- Summarize Grouped Data
- Use PIVOT and UNPIVOT Operators

Lesson 5: Retrieving Data from Tables

- Combine Results of Two Queries
- Compare the Results of Two Queries
- Retrieve Data by Joining Tables
- Check for Unmatched Records
- Retrieve Information from a Single Table Using Joins

Lesson 6: Presenting Query Results

- Save the Query Result
- Generate an XML Report