QuickStART

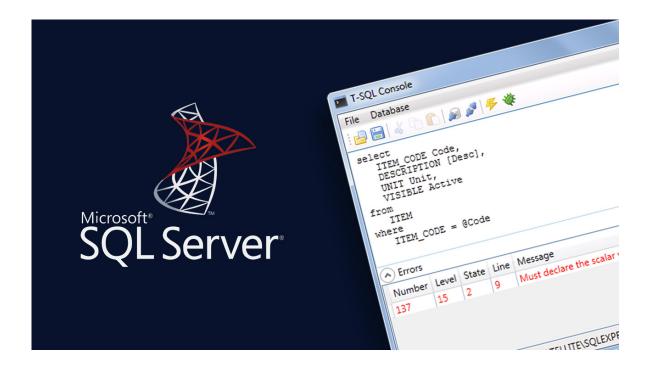## Over 35 Years Of Technology Training

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Learning Style: Virtual Classroom

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 1 Day

SQL: Advanced Querying (SQL-QueryAdv)

About this course:

We should have a snappy take a gander at SQL. SQL (Structured Query Language) is an institutionalized programming language utilized for overseeing relational databases and performing different activities on the information in them. At first, made during the 1970s, SQL is consistently utilized by database executives, just as by engineers composing information integration scripts and the analyst of data hoping to set up and run logical questions. With the help of this course, students will work with cutting edge inquiries to index and manipulate tables. Learners will also make transactions with the goal that you can decide to spare or

drop the process of data entry. Learners ought to have essential SQL abilities, PC aptitudes, and be comfortable with ideas identified with database terminology and structure.

The normal pay for a SQL Database Administrator is $77,428 annually.

Course Objective:

1. Utilize subqueries to create query output.
2. Manipulate table data by updating and inserting records in a table and deleting records from a table.
3. Control the table structure.
4. Create views, modify the view structure, manipulate data through views, and drop views.
5. Drop inefficient indices and Create indices on table columns.
6. Spot the start of a transaction, make a save point inside a transaction, rollback a transaction, and submit a transaction.

Targeted Audience:

This course is planned for:

Understudies with fundamental aptitudes of computer, SQL abilities, and be comfortable with ideas identified with database terminology and structure.

Prerequisites:

Understudies ought to be proficient with the essentials of SQL.

Proposed prerequisites courses:

SQL: Fundamentals of Querying (SQL-QueryFund).

Course Outline:

Lesson 1: Advanced Querying Using Subqueries

- Search Based on an Unknown Value
- Search Based on Multiple Unknown Values
- Compare a Value with Unknown Values
- Search Based on the Existence of Records
- Generate Output Using Correlated Subqueries
- Filter Grouped Data Within Subqueries
- Perform Multiple-level Subqueries

Lesson 2: Manipulating Table Data

- Insert Data
- Modify Data
- Delete Data

Lesson 3: Manipulating the Table Structure

- Create a Simple Table
- Create a Table with Constraints
- Add or Drop Table Columns
- Add or Drop Constraints
- Modify the Column Definition
- Delete Tables

Lesson 4: Working with Views

- Create a View
- Manipulate Data in Views
- Create Aliases
- Modify and Drop Views

Lesson 5: Indexing Data

- Create Indexes
- Drop Indexes

Lesson 6: Managing Transactions

- Create Transactions
- Commit Transactions

https://www.quickstart.com/catalog/product/view/id/798/s/sql-advanced-querying-sql-queryadv/