

# MY SQL COURSE CONTENT

**Duration: 45 Hours**

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## **Theory, Terminology and Concepts**

- Client/Server Concepts
- Database and Database Objects

## **Import/Export**

- Tools for Import/Export
- SQL for Import/Export

## **SQL**

- Retrieving data using the SQL select statement
- Restricting and sorting data
- Using single row function to customize output.
- Reporting aggregated data using the group function
- Displaying data from multiple tables-I
- Displaying data from multiple tables-II
- Using sub queries to solve problems
- Using set operators
- Manipulating data
- Using DDL statements to create and manage tables
- Creating other schema objects
- Managing objects with data dictionary
- Controlling User access
- Managing schema objects
- Manipulating large data sets
- Generating report by grouping related data
- Managing data in different time zones
- Retrieving data using sub queries
- Hierarchical retrieval
- Regular expression support

- Interacting with Oracle Server
- Writing Control Structures
- Working with Composite Data Types
- Writing Explicit Cursors
- Handling Exceptions
- Creating Procedures
- Creating Functions
- Managing Subprograms
- Manipulating Large Objects
- Creating Database Triggers
- More Trigger concepts

## **PL/SQL**

- Introduction
- Declaring Variables
- Writing Executable Statements



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