



14+ Years of Experience
with 60,000+ Beneficiaries

The background of the advertisement is a light blue gradient. In the center, there is a large, semi-transparent globe composed of puzzle pieces. On top of the globe, there is a group of blue human figures, some standing and some with arms raised. Below the figures is a red wireframe structure that resembles a satellite dish or a network antenna. The Microsoft logo is visible in the background, partially obscured by the globe.

Microsoft® SQL Server® 2008

Find out about new programming techniques enabled by SQL Server 2008 and Visual Studio 2010.

Call Us: +91 90307 81225 &
+91 93925 63949

★ Course Details:

- Understand the architecture of SQL Server
- Understand how SQL Server handles memory and threading
- Read query plans
- Assign indexes
- Use the new T-SQL operators
- Use the XML data type
- Use Reporting Services
- Take advantage of CLR integration to write great performing applications

★ What you will Learn

Essential SQL Server for Developers provides hands-on training for SQL Server developers. Learn to write code for maximum database performance, re-usability, and application modularity. Discover how and when to use .NET support built into SQL Server 2005. Find out about new programming techniques enabled by SQL Server 2008 and Visual Studio 2010.

★ You'll get answers to these questions:

- How can I improve and evaluate the performance of my queries?
- How can I take advantage of query plans to optimize database performance?
- How can I write multi-threaded and asynchronous Transact-SQL (T-SQL) code?
- How can I integrate SQL Server with other applications and database servers?
- What's the best way to secure my data?

Come and learn how to utilize SQL Server to the max!

Develop Mentor's Essential courses provide five days of instructor-led training for the experienced developer. Gain deep understanding of your development platform. Acquire skills you need to be productive today. Build a solid foundation for more advanced topics.

★ Course Details

Overview of Database Concepts

Basic Database Concepts

- ▶ Concepts of Data, Metadata, Files
- ▶ Concepts of DBMS
- ▶ Database Models
- ▶ File Management Systems
- ▶ Relational Database Systems
- ▶ Procedural & Non procedural approaches
- ▶ Database Design
- ▶ E.F.Codd's Rules

Normalization

- ▶ First Normal Form
- ▶ Second Normal Form
- ▶ Third Normal Form

Introduction to SQL Server

- ▶ Features of SQL Server
- ▶ Different Editions of SQL Server
- ▶ Components of SQL Server
- ▶ Services of SQL Server
- ▶ Comparison of SQL Server with Oracle

Database Design

- ▶ Logical & Physical database design
- ▶ Relational database design ▶ Creating databases

Management Studio

- ▶ Basics of SQL
- ▶ Datatypes, expressions, operators
- ▶ Working with Queries & Clauses
- ▶ Creating Databases
- ▶ Creating Tables, Stored Procedures
- ▶ Working with Indexes & Views

Sub queries

- ▶ Nested sub queries
- ▶ Correlated sub queries
- ▶ Derived tables

Implementation of Data integrity

- ▶ Entity integrity
- ▶ Domain integrity
- ▶ Referential integrity
- ▶ Types of constraints

Data Definition Language(DDL)

- ▶ Creation of table
- ▶ Modifying the structure of a table
- ▶ Dropping a table
- ▶ Working with different options

📁 Data Manipulation Language(DML)

- ▶ Inserting, updating & deleting operations
- ▶ Operators, Built-in functions, Grouping
- ▶ Working with multiple tables

📁 Joins

- ▶ Introduction to Joins
- ▶ Inner join
- ▶ Outer join
- ▶ Cross joins
- ▶ Unions

📁 Working with Indexes

- ▶ Introduction to indexes
- ▶ Creating, dropping indexes
- ▶ Complex indexes
- ▶ Clusstered & non clustered indexes

📁 Implementing Views

- ▶ Introduction & advantages of views
- ▶ Creating views
- ▶ Altering, dropping views

📁 Data Control Language(DCL)

- ▶ Creating Users and Roles
- ▶ Granting & Revoking of Roles & Privileges

📁 Transaction Control Language (TCL)

- ▶ Introduction
- ▶ Transactions process & types of transactions (Implicit, Explicit)
- ▶ Working with Locks and Types of locks

★ Benefits of Availing our courses:

1. Participants will go through real time training as per current standard industry norms.
2. We take you very close to the actual development, which enables the participants to implement in a proper way, when on job.
3. The course modules help the participants to work on real time projects so as to implement whatever is learnt.
4. No need to increase the burden by buying books for reference, as all the course content handouts are prepared after in-depth understanding of the subject, which can be also used for quick reference.
5. We believe in permanent relationship, so our technical experts would be available for to provide you with the required guidance through our live support.
6. Trainers who can outline the subject matter are many but we believe to train the students to have ever lasting expertise on the subject matter.
7. Training with us will provide you with the skills and knowledge necessary for achieving confidence so that the individual can be productive from day one.
8. Our courses are designed such that more comprehensive professional and more practical oriented training.

Deccansoft believes in providing value based training and inline to our corporate vision of quality training Deccansoft will refund the money to students who are not satisfied with the training provided with in one week of starting the classroom training session.

★ For more details please contact us at enquiry@deccansoft.com or support@bestdotnettraining.com

★ Corporate Enquiry

The Above Course Content can be customized for corporate trainings. Contact Corporate Course Coordinator manjula.sk@deccansoft.com