

# SQL Server 2012 for Development

## (Three day Workshop)

### About the Course

SQL Server 2012 is a new product from Microsoft to manage and play with data.

This course is specially designed to give one an idea about SQL Server 2012 environment and to show the ways to address performance issues. It will be considered that attendees might not have enough experience in basic SQL theories or T-SQL syntactical structures.

### Workshop objectives

At the end of this course, participants will be able to:

- ❖ develop a clear understanding of the latest SQL Server environment
- ❖ A good revision of basics of T-SQL
- ❖ Write scripts considering performance

### Workshop Contents

The three days workshop would cover the topics as noted below. There would be exercises at appropriate junction points to elaborate and understand the concepts.

- ❖ Introduction
- ❖ SQL Server 2012 Overview
- ❖ Types of Data Bases in SQL Server 2012
- ❖ Revise DDL, DML
- ❖ Aggregates and Group By
- ❖ Playing with Query
- ❖ Views
- ❖ Indexes
- ❖ CLR Integration
- ❖ Stored Procedure & User Defined Functions

- ❖ Cursors
- ❖ Triggers
- ❖ A glimpse of Performance issues in SQL Server 2012