

## Course Description

This instructor-led course provides you with the knowledge and skills to maintain a Microsoft SQL Server 2008 R2 database. You will learn to use SQL Server 2008 R2 product features and tools to install and configure a database, manage database files, and create and tune indexes.

## Students Will Learn

- **Plan, install, and configure SQL Server 2008 R2**
- **Manage database files**
- **Back up and restore databases**
- **Manage security**
- **Implement SQL Server 2008 R2 audits**
- **Configure and assign permissions**
- **Monitor data by using dynamic management views**
- **Manage SQL Server 2008 R2 agent and jobs**
- **Execute multi-server queries and configure a central management server**
- **Deploy a data-tier-application**
- **Troubleshoot common issues**

## Prerequisites

Basic knowledge of the Microsoft Windows operating system and its core functionality  
Working knowledge of Transact-SQL  
Working knowledge of relational databases  
Some experience with database design

## Delivery Method

Instructor-Led with numerous Hands-On labs and exercises.

## Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## Course Length

5 Days