

# SQL Server 2005 Reporting Services

## 2 day course

### Overview

Students will learn report authoring basics, how to manipulate databases, build a managed reporting environment and administer a report server database. Prerequisites

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SQL Fundamentals and Advanced Querying. Some exposure to Visual Studio .Net 2005

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### Course Content:

#### Reporting Services Introduction

- Reporting Services Architecture
- Reporting Services usage scenarios
- Report authoring

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- Reporting Services Architecture
- Reporting Services usage scenarios

#### Report authoring

- Authoring basics
- Configuring data sources and datasets
- Grouping, filtering and sorting
- Formatting tips and tricks

#### Using data regions to create advanced reports

- Using multiple data regions in reports
- Fixed and freeform data regions

#### Manipulating datasets

- Using report parameters and query parameters
- Using recursive relationships in reports
- Using data from an OLAP Cube in a report

#### Building a managed reporting environment

- Introduction to Report Manager
- Publishing and deploying reports
- On-demand and subscription reports

#### Administering Security

- Reporting Services security model overview
- Item and system security with role assignments
- Securing the data within a report

#### Administering Reporting Services Components

- Using configuration files with Report Server
- Managing and logging report executions
- Administering Report Server databases

#### Programming Reporting Services

- When do you need to code?
  - Retrieving Reporting Services information with code
  - Rendering reports in a specific format
  - Using the code to administer reports
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