PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: SQL Server Reporting Services	**Course Duration**: 4.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: SQL Server Reporting Services Certificate	

Course Syllabus

Our SQL Server Reporting Services training course covers the following Modules:

Module 1: Introduction to SQL Server Reporting Services

- Architecture and tools
- Managing web farm deployment

Module 2: Developing Reports

Leveraging Reporting Services tools

- Report Building with Report Builder and Visual Studio
- Accessing the power of SQL Server Mobile Report Publisher

Designing fundamental reports

- Connecting to relational and multidimensional sources
- Generating a Tablix reporting structure

Composing expressions

- Computing custom fields
- Linking expressions to properties

Arranging and sorting data

- Multiple-level grouping and categorising the results
- Applying aggregate functions

Producing various outputs from a Tablix

- Creating parallel dynamic group report formats
- Combining dynamic and static columns

Module 3: Integrating Parameters and Filters

Incorporating parameters into reports

- Yielding subsets of data with query parameters
- Constructing cascading report parameters
- Transmitting parameters to stored procedures

Applying filters to report data

- Augmenting performance with filters
- Determining filters vs. query parameters

Module 4: Implementing Interactive Features

Combining multiple data regions in one report

- Applying sequential and nested regions
- Creating master/detail reports and linking subreports

Showing robust data with relevant detail

- Drilling through report detail and drilling down
- Navigating reports with document maps

Module 5: Deploying and Delivering Reports

Deploying reports to the server

- Publishing reports and configuring project properties
- Verifying results with Report Manager

Identifying delivery options

- Enhancing performance with cached instances
- Configuring snapshot history

Dispatching subscription reports

- Publishing reports via e-mail and file share
- Seamlessly delivering reports by data-driven subscriptions

Module 6: Safeguarding Reporting Services

Structuring content security

- Leveraging existing Windows authentication
- Establishing permission levels on report items

Ensuring the RS system

- Instituting varying levels of administrative roles
- Granting and revoking system-level permissions

Module 7: Extended Reporting and Data Visualisation

Creating reports on Analysis Services cubes

- Exploiting cubes as intuitive data sources for nontechnical and power users
- Generating parameterised reports with MDX Builder Designing reports for data visualisation
- Improving data visualisation with sparklines, data bars, maps and indicators
- Implementing Key Performance Indicators (KPIs)

Delivering reports to users

- Accessing and controlling reports using URLs

- Embedding reports in applications with the Report Viewer

Course Overview

Our four-day SQL Server Reporting Services training course will give you an in-depth skillset to leverage on-premises SQL Server Reporting Services (SSRS) for extracting business intelligence from enterprise data. Attain the knowledge and skills to produce compelling reports with enhanced visualisation features. This training course enables you to go beyond the limitations of legacy reporting to deliver and share information with others — when you want and how you want.

Course Learning Outcomes

Our SQL Server Reporting Services training course will teach you to become proficient in the following:

- Produce reports for extracting business intelligence through the Web Portal
- Leverage Visual Studio and Report Designer to create paginated reports
- Build reports for mobile devices with SQL Server Mobile Report Publisher
- Integrate parameters, filters, and interactive components into reports
- Deploy reports through Report Server
- Create reports on SSAS cubes with Report Builder and Report Designer
- Leverage continued support with after-course one-on-one instructor coaching and computing sandbox

Audience

Our SQL Server Reporting Services training course will benefit several individuals and organisations including but not limited to:

- Business Analysts
- Database Administrators
- Data Analysts
- Developers
- Managers and Decision Makers
- IT Professionals
- Data Scientists
- Project Managers
- Anyone with database experience who wants to design, create, or deliver reports from relational or MDX compliant data sources.

Entry-Level Requirements

Our SQL Server Reporting Services training course requires attendees to have Visual Studio knowledge and familiarity with simple scripting.

Recommended Reading

There is no recommended reading for our SQL Server Reporting Services training course.

What's Included

Our SQL Server Reporting Services training course contains the following:

- 4-day instructor-led training course
- Hands-on labs included
- Learning Tree end-of-course exam included
- After-course instructor coaching benefit
- After-course computing sandbox included
- Pre-reading
- Course Manual
- Quizzes
- Exercises

Exam Information

SQL Server Reporting Services Exam:

- Format: Multiple Choice
- Questions: 40
- Pass Mark: 70%

What's Next

Attendees may enjoy our four-day SQL Server Integration Services For Business Intelligence training course.

Our four-day SQL Server Integration Services For Business Intelligence training course will teach you the skills to improve business intelligence capabilities by automating complex migration tasks and auditing the success or failure of migration processes. In addition, you will learn to transform data among heterogeneous data sources — such as text files, Oracle, Access, XML, ODBC, and OLE DB — and effectively and securely manage data migration across various platforms.

Additionally, You will gain the skills to migrate and transform data with SQL Server Integration Services. You learn to solve data management problems by creating dynamic packages for migrating, processing, and reporting on data for business intelligence. Specifically, you learn to deploy packages to an SSIS server, assemble tasks to perform complex data migrations, and enhance package functionality with scripting.

Additional Information

Our SQL Server Reporting Services training course offers several benefits to individuals and organisations including but not limited to:

- **Data Visualisation**: SSRS enables you to transform raw data into visually appealing and interactive reports.
- **Report Customisation**: SSRS provides a range of design options and customisation features.
- **Report Automation and Scheduling**: SSRS allows you to automate the generation and delivery of reports.
- **Collaboration and Sharing**: SSRS facilitates easy collaboration and sharing of reports within an organisation.
- **Data-Driven Decision Making**: SSRS empowers users to make informed decisions based on data analysis.
- **Integration with Other Tools**: SSRS integrates seamlessly with other Microsoft technologies and tools.
- **Scalability and Performance**: SSRS is designed to handle large volumes of data and support enterprise-level reporting requirements.
- **Career Advancement**: Proficiency in SSRS is a valuable skill in the job market, especially for roles involving data analysis, reporting, and business intelligence.