

Advanced Crystal Reports 2011 and 2013 (CR13L02)

Modality: Virtual Classroom

Duration: 2 Days

About this Course:

This advanced-level course is designed for professionals who understand and know the art of building and modifying reports. This course introduces such professionals to the advanced functionalities of Crystal Report 2011 and 2013 and helps design custom-formatted reports. The primary objective of this course is to help professionals create advanced reports encompassing Subreports, Cross-Tabs, & Advanced Formulas. Besides this, professionals also learn the art of augmenting efficiency and speed of reports with the help of SQL Queries.

Crystal Reports encompasses a wide range of advanced and complex tools and professionals seeking to gain expertise in report creation must know the applications and use of these essential tools. Through this course, professionals get the practical experience of working with massive databases and masters the art of transforming raw data into an exceptional report. Businesses require the services of professionals sharing expertise in Crystal Reports to create & develop reports designed to help streamline business processes and operations.

Course Objectives:

The core objective of this course is to help professionals gain a better understanding and sound knowledge of the following key concepts:

- Crystal Report 2013 Complex Report Development
- Manual and Automatic Running Total Creation
- Working with Subreports and Cross-Tabs
- Drill-Downs Creation and SQL Statements Applications in Report Processing
- Adding Charts and Creating Complex Formulas
- Report Functionality Enhancement Practices and Techniques

Audience:

This course is specifically tailored for the following group of professionals and interested candidates:

- Professionals liable for Group Reports and Basic List Creation
- Professionals striving to learn Multiple Data Series Report Generation
- Candidates seeking knowledge of Cross-Tabs, Advanced Formulas, & Charts

Prerequisites:

Professionals planning to enroll in the Advanced Crystal Reports 2011 and 2013 (CR13L02) course must comply with the following prerequisites:

- Crystal Reports 2013: Part 1 Logistic Operation Course is highly Recommended
- Fundamental Knowledge of SQL and Programming is Suggested

Course Outline:

Lesson 1: Creating Running Totals

Topic A: Create a Running Total Field

Topic B: Modify a Running Total Field

Topic C: Create a Manual Running Total

Lesson 2: Working with Cross-Tabs

Topic A: Create a Cross-Tab Report

Topic B: Format a Cross-Tab Report

Topic C: Create Groups in Cross-Tab Reports

Lesson 3: Adding Subreports

Topic A: Insert a Subreport

Topic B: Edit a Subreport

Topic C: Share Variables

Lesson 4: Creating Drill-Downs in a Report

Topic A: Create a Drill-Down

Topic B: Create Headings for Drill-Down Data

Lesson 5: Using SQL Statements in Report Processing

Topic A: Create a Report Using SQL Queries

Topic B: Summarize Report Data

Topic C: Create Joins Using SQL

Topic D: Create Subqueries

Topic E: Create an SQL Expression Field

Lesson 6: Creating Complex Formulas

Topic A: Work with Loops

Topic B: Work with Arrays

Lesson 7: Adding Charts to Reports

Topic A: Create Charts

Topic B: Create a Chart with a Drill-Down

Topic C: Create a Top N Chart

Topic D: Create a Cross-Tab Chart

Topic E: Create Charts for Grouped Data

Topic F: Format a Chart

Topic G: Create a Chart Template

Lesson 8: Enhancing Report Functionality

Topic A: Organize Data Based on a Hierarchy

Topic B: Create a Dynamic Image

Topic C: Create a Report Alert

Topic D: Create a Geographic Map

Appendix A: Managing Reports

Appendix B: Processing Data on the Server

Appendix C: Detecting and Fixing Problems

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