

Crystal Reports 2008: Level 2

Course length: 2 days

Course Description

Until now, you have used Crystal Reports to build and modify reports. You want to use the advanced functionality of Crystal Reports to generate reports in the format you desire. In this course, you will create complex reports and data sources using Crystal Reports' tools. You will not only create more sophisticated reports including subreports and cross-tabs, but you will also increase the speed and efficiency of your reports by using SQL queries.

Course Objective: You will create complex reports using Crystal Reports' tools.

Target Student: This course is designed for people who know how to create basic list and group reports and need to create reports that include subreports, cross-tabs, advanced formulas, and charts based on more than one data series. They may also need to build tools that make it easier for other people to create reports. They may or may not have programming and/or SQL experience.

Prerequisites: Crystal Reports® 2008: Level 1. Knowledge of programming and/or SQL would also be helpful.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- Create automatic and manual running totals.
- Work with cross-tab reports.
- Add subreports.
- Create drill-downs in a report.
- Use SQL statements in report processing.
- Create complex formulas.
- Add charts to reports.
- Enhance report functionality.

Course Content

Lesson 1: Creating Running Totals

Topic 1A: Create a Running Total Field

Topic 1B: Modify a Running Total Field

Topic 1C: Create a Manual Running Total

Lesson 2: Working with Cross-Tabs

Topic 2A: Create a Cross-Tab Report

Topic 2B: Format a Cross-Tab Report

Topic 2C: Create Groups in Cross-Tab Reports

Lesson 3: Adding Subreports

Topic 3A: Insert a Subreport

Topic 3B: Edit a Subreport

Topic 3C: Share Variables



Lesson 4: Creating Drill-Downs in a Report

Topic 4A: Create a Drill-Down

Topic 4B: Create Headings for Drill-Down Data

Lesson 5: Using SQL Statements in Report Processing

Topic 5A: Create a Report Using SQL Queries

Topic 5B: Summarize Report Data

Topic 5C: Create Joins Using SQL

Topic 5D: Create Subqueries

Topic 5E: Create a SQL Expression Field

Lesson 6: Creating Complex Formulas

Topic 6A: Work with Loops

Topic 6B: Work with Arrays

Lesson 7: Adding Charts to Reports

Topic 7A: Create Charts

Topic 7B: Create a Chart with a Drill-Down

Topic 7C: Create a Top N Chart

Topic 7D: Create a Cross-Tab Chart

Topic 7E: Create Charts for Grouped Data

Topic 7F: Format a Chart

Topic 7G: Create a Chart Template

Lesson 8: Enhancing Report Functionality

Topic 8A: Organize Data Based on a Hierarchy

Topic 8B: Create a Dynamic Image

Topic 8C: Create a Report Alert

Topic 8D: Create a Geographic Map

Appendix A: Managing Reports

Appendix B: Processing Data on the Server

Appendix C: Detecting and Fixing Problems

