



# Crystal Reports 2013 ADVANCED (2 days) Course Content

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## Course Objectives

- Learn how to create and modify running totals.
- Understand how to create Cross-tab reports.
- Become familiar with Subreports.
- Understand how to create drill-downs in a report.
- Learn how to use Structured Query Language (SQL) when processing reports.
- Learn to use Loops and Arrays within complex formulas.
- Understand how to create and modify charts and maps.
- Learn how to enhance reports with dynamic images and hierarchical organization.
- Review managing reports and processing data on the server.

*This course is for those who want to use the advanced features of Crystal Reports to create and customize reports. This course can also benefit you if you need to understand advanced data management features and data access techniques.*

### Course Content: Day 1

#### Create Running Totals

Create a Running Total Field  
Modify a Running Total Field  
Create a Manual Running Total

#### Working with Cross-Tabs

Create a Cross-Tab report  
Format a Cross-Tab report  
Create groups in Cross-Tab reports

#### Adding Subreports

Insert a Subreport  
Edit a Subreport  
Share variables

#### Creating Drill-downs in a Report

Create a drill-down  
Create headings for Drill-down data

**Course Content: Day 2**

<b>Using SQL Statements in Report Processing</b>	Create a report using SQL Queries Summarize report data Create joins using SQL Create subqueries Create an SQL Expression Field
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<b>Creating Complex Formulas</b>	Work with Loops Work with Arrays
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<b>Adding Charts to Reports</b>	Create charts Create a chart with a Drill-down Create a top N chart Create a Cross-tab chart Create charts for grouped data Format a chart Create a chart template
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<b>Enhancing Report Functionality</b>	Organize data based on a hierarchy Create a dynamic image Create a report alert Create a geographic map
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<b>Processing Data on the Server</b>	Manage reports Process data on the server
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