

## **Crystal Reports 2013: Report Design III**

### **Report Processing Strategies**

#### **Course Description**

Crystal Reports 2013 is a powerful, dynamic, actionable reporting solution that helps you design, explore, visualize, and deliver reports via the web or embedded in enterprise applications. This course is designed to give you comprehensive skills and in-depth knowledge to plan and create reports that will help you analyze and interpret information.

As a business benefit, you will be able to increase your understanding of formulas, variables, arrays, templates, parameters, summaries, and sections. This course will also help you make more effective report design decisions and create more efficient reports.

#### **Course Audience**

The target audience for this course is report designers, who have taken Crystal Reports 2013: Report Design I - Fundamentals of Report Design and Crystal Reports 2013: Report Design II - Business Reporting Solutions and who are responsible for creating and distributing reports.

#### **Prerequisite Education**

You should have completed Crystal Reports 2013: Report Design I - Fundamentals of Report Design and Crystal Reports 2013: Business Reporting Solutions. If you have taken a previous version of either Crystal Reports 2013: Report Design I - Fundamentals of Report, or Crystal Reports 2013: Report Design II – Business Reporting Solutions, then you should have completed Crystal Reports 2013: Quickstart.

#### **Prerequisite Knowledge/Experience**

To be successful, you must have working knowledge of:

- Windows conventions
- Basic database concepts
- Experience using a web browser
- Crystal Reports

## Additional Education

To increase your skill level and knowledge of Crystal Reports, the following course is recommended:

- Crystal Reports 2013: Report Design IV – Optimizing Report Data

## Level, Delivery, and Duration

This advanced, instructor-led offering is a one-day course.

## Applicable Certification

Not applicable for this offering.

## Course Topics

### Report Processing

Use Multi-pass Reporting  
Use Evaluation Time Functions  
Use a Dynamic Array

### Using Subreports

Define Subreports  
Create an Unlinked Subreport  
Create a Linked Subreport  
Create an On-demand Subreport  
Use Shared Variables with Subreports  
Link “Unlinkable” Data with Subreports  
Describe Alternate Solutions to Using Subreports

### Creating Complex Formulas

Use Print State Functions

### Creating Complex Formulas (continued)

Use Loop Control Structures  
Use Loop Control Structures with Arrays

### Using Custom Functions

Describe a Custom Function  
Use Custom Functions

### Using XML and Web Services Data

Use XML and Web Services Data  
Use a Transform in XML Exporting