

# CRYSTAL REPORTS XI R1/R2: REPORT DESIGN III - REPORT PROCESSING STRATEGIES (REV A)

RD310R2

## Course Description

This one-day instructor led classroom course is designed to give you the comprehensive skills and in-depth knowledge required to plan and create reports that will help you analyze and interpret important information.

As a business benefit, you will find that your increased understanding of report processing, formulas, custom functions and subreports will 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® XI R1/R2: Report Design I - Fundamentals of Report Design* and *Crystal Reports XI R1/R2: Report Design II - Business Reporting Solutions*, and are responsible for creating and distributing reports.

## Prerequisite Education

To be successful, you must have attended the following offerings or have the equivalent knowledge of:

- Crystal Reports XI R1/R2: Report Design I - Fundamentals of Report Design
- Crystal Reports XI R1/R2: Report Design II - Business Reporting Solutions

## Prerequisite Knowledge/Experience

In this course, you will be working intensively with Crystal Reports. To successfully understand the content and complete the activities, you must have:

- Knowledge of Windows conventions
- Basic computer skills
- Experience using a web browser
- Basic database concepts
- Knowledge of concepts taught in the Associate level course
- Topics in *Report Design III* build on concepts from *Report Design I* and *Report Design II*, therefore it is important that learners have a solid understanding of the concepts taught at that level.

## Additional Education

Additional education offerings that we recommend include:

- Crystal Reports XI R1/R2: Report Design IV - Optimizing Report Data

## **Level, Delivery, and Duration**

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

## **Applicable Certification**

This is a core course in the Business Objects Certified Professional: Crystal Reports XI certification.

## **Additional Information**

Visit: <http://www.businessobjects.com/services/training/>

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## Course Topics

### 1 Describing Report Processing

- Describing multipass reporting
- Using evaluation time functions
- Using a dynamic array

### 2 Using Subreports

- Defining subreports
- Creating an unlinked subreport, a linked subreport, and an on-demand subreport
- Using shared variables in a subreport
- Using subreports to link 'unlinkable' data

### 3 Creating complex formulas

- Creating complex formulas
- Using loop control structures
- Using arrays functions and loops
- Using nested functions

### 4 Using Custom Functions

- Creating custom functions
- Using custom functions
- Modifying custom functions

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