

Course BOCE20: SAP Crystal Reports for Enterprise: Advanced Report Design

Length : 3 Days
Audience(s) : Business Analyst, System Administrator, Developer
Delivery Method : Instructor-led (classroom)

At Course Completion

After completing this course, students will be able to:

- Create Complex Reports
- Have a comprehensive overview of the functionality of Crystal Reports Enterprise

Pre-Requisites

This course requires that student meet the following prerequisites, including that they have:

- BOCE10
- Basic knowledge of database concepts (Recommended)
- Basic programming knowledge (Recommended)

Course Outline

Running Totals

- Creating a Report with Running Totals

Formulas and Functions

- Using String Functions and Operators
- Using Date and Time Functions

Control Structures

- Creating Control Structures

Variables

- Creating Variables

Arrays and User Functions

- Creating Arrays
- Creating User Functions

Loops

- Describing Loops in Reports

Parameters, Filters, and Prompt Panels

- Examining Standard Parameters
- Using Interactive Filters
- Using Prompt Panels and Responding to Parameters

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Additional Parameter Types

- Using Different Types of Parameters
- Creating Date Range Parameters
- Using Edit Mask and Description Fields

Cascading Prompts and Multiple Parameters

- Using a Cascading Prompt
- Building a Report with Multiple Parameters

Crosstabs

- Defining Crosstabs
- Formatting a Crosstab
- Formatting Crosstabs Conditionally

Crosstab Formulas and Calculated Members

- Using calculated Members
- Adding Formulas to Calculated Members
- Displaying Hierarchies in Crosstabs

Multi-Pass Reporting

- Using the Report Processing Model

Subreports

- Defining Subreports
- Creating Subreports

Subreports Usage

- Using Subreports

Linked and On-Demand Subreports

- Linking a Subreport to the Main Report
- Creating On-Demand Subreports

Advanced Subreport Usage

- Passing Data Between Subreports and Main Reports
- Linking Unlinkable Data Using Subreports

Report Hierarchical Data

- Grouping Hierarchical Data

Report Forms Letters, Hyperlinks, and Dynamic

- Building a Form Letter Report
- Building a Report with Hyperlinks
- Using Dynamic Graphic Locations

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Additional Specialized Reports

- Building a Report with Alerts
- Building Top N and Bottom N Reports
- Integrating Flash Objects