# **BOC310**

**SAP Crystal Reports: Fundamentals of Report Design** 

### **COURSE OUTLINE**

Course Version: 15

Course Duration: 2 Day(s)

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# **Typographic Conventions**

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	<b>=</b>
Demonstration	<b>&gt;</b>
Procedure	2 3
Warning or Caution	1
Hint	
Related or Additional Information	<b>&gt;&gt;</b>
Facilitated Discussion	
User interface control	Example text
Window title	Example text



# **Contents**

ix	Course O	verview
1	Unit 1:	Report Concepts
1		Lesson: Describing Reporting Concepts
3	Unit 2:	Report Creation
3 3 3 3		Lesson: Choosing a Report Creation Method Lesson: Connecting to Data Sources Lesson: Navigating in the Design Environment Lesson: Inserting Objects in a Report Lesson: Previewing a Report
3 4		Lesson: Saving a Report Lesson: Setting the Position and Size of Objects
4		Lesson: Formatting Objects
5	Unit 3:	Record Selection
5 5 5 5		Lesson: Setting Records Using Select Expert Lesson: Saving and Refreshing Data in Reports Lesson: Setting Additional Criteria Lesson: Applying Time-Based Record Selection
7	Unit 4:	Report Data Sorting, Grouping, and Summarizing
7 7 7 7		Lesson: Sorting Records Lesson: Creating a Grand Total Lesson: Grouping Records Lesson: Managing Multiple Groups Lesson: Grouping on Time-Based Data
7 8 8		Lesson: Summarizing Data Lesson: Sorting and Filtering Groups Lesson: Sorting Groups using Specified Order
9	Unit 5:	Graphics and Special Fields
9		Lesson: Adding Graphical Elements Lesson: Adding Special Fields
11	Unit 6:	Section Formatting
11 11 11		Lesson: Formatting Sections Lesson: Controlling Page Breaks Lesson: Creating Summary Reports



13	Unit 7:	Basic Formulas
13		Lesson: Defining a Formula
13		Lesson: Creating If-Then-Else Formulas
13		Lesson: Creating Boolean Formulas
13		Lesson: Creating Formulas with Dates
13		Lesson: Creating Summary Functions in Formulas
13		Lesson: Applying String Manipulation
	_	
15	Unit 8:	Conditional Reporting
15		Lesson: Highlighting Data in a Report
15		Lesson: Formatting Data Conditionally
17	Unit 9:	Charts
	Offic 3.	
17	Offic 5.	Lesson: Creating Charts Without Groups
17 17	Onic 3.	
	Office 3.	Lesson: Creating Charts Without Groups
17 17		Lesson: Creating Charts Without Groups Lesson: Creating Charts Based on Existing Groups and Summaries Lesson: Customizing a Chart on a Simple Report with No Groups
17	Unit 10:	Lesson: Creating Charts Without Groups Lesson: Creating Charts Based on Existing Groups and Summaries
17 17		Lesson: Creating Charts Without Groups Lesson: Creating Charts Based on Existing Groups and Summaries Lesson: Customizing a Chart on a Simple Report with No Groups
17 17 19		Lesson: Creating Charts Without Groups Lesson: Creating Charts Based on Existing Groups and Summaries Lesson: Customizing a Chart on a Simple Report with No Groups  Report Distribution

# **Course Overview**

### **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Project Stakeholder
- Super / Key / Power User
- Data Consultant
- Project Manager
- End User



# **Report Concepts**

# **Lesson 1: Describing Reporting Concepts**

# **Lesson Objectives**

After completing this lesson, you will be able to:

• Describe reporting concepts



# **UNIT 2** Report Creation

### **Lesson 1: Choosing a Report Creation Method**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Choose a report creation method

### **Lesson 2: Connecting to Data Sources**

### **Lesson Objectives**

After completing this lesson, you will be able to:

Set a data source

### **Lesson 3: Navigating in the Design Environment**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Navigate in the report design environment

### **Lesson 4: Inserting Objects in a Report**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Insert objects in a report

# **Lesson 5: Previewing a Report**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Preview a report

# **Lesson 6: Saving a Report**

**Lesson Objectives** 



After completing this lesson, you will be able to:

• Save a report

# **Lesson 7: Setting the Position and Size of Objects**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Position and size objects
- Resize objects

# **Lesson 8: Formatting Objects**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Format objects

# **Record Selection**

### **Lesson 1: Setting Records Using Select Expert**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Filter records using the Select Expert

### **Lesson 2: Saving and Refreshing Data in Reports**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

· Save and refresh report data

### **Lesson 3: Setting Additional Criteria**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Set additional criteria

# **Lesson 4: Applying Time-Based Record Selection**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Set record selection based on date



# Report Data Sorting, Grouping, and Summarizing

### **Lesson 1: Sorting Records**

### **Lesson Objectives**

After completing this lesson, you will be able to:

Sort records

### **Lesson 2: Creating a Grand Total**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

Insert a Grand Total

### **Lesson 3: Grouping Records**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- · Create groups
- · Modify groups

# **Lesson 4: Managing Multiple Groups**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create nested and multiple groups

# **Lesson 5: Grouping on Time-Based Data**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

Group on a date field

### **Lesson 6: Summarizing Data**



### **Lesson Objectives**

After completing this lesson, you will be able to:

Insert a summary

# **Lesson 7: Sorting and Filtering Groups**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Sort and filter groups

# **Lesson 8: Sorting Groups using Specified Order**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Add a specified order group

# **Graphics and Special Fields**

# **Lesson 1: Adding Graphical Elements**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Add graphical elements

### **Lesson 2: Adding Special Fields**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Add special fields

# **Section Formatting**

# **Lesson 1: Formatting Sections**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Format sections using the Section Expert

### **Lesson 2: Controlling Page Breaks**

### **Lesson Objectives**

After completing this lesson, you will be able to:

Control pagination

### **Lesson 3: Creating Summary Reports**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Create summary reports



# **Basic Formulas**

### **Lesson 1: Defining a Formula**

### **Lesson Objectives**

After completing this lesson, you will be able to:

Describe formulas

### **Lesson 2: Creating If-Then-Else Formulas**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

· Create an If-Then-Else formula

### **Lesson 3: Creating Boolean Formulas**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

· Create a Boolean formula

### **Lesson 4: Creating Formulas with Dates**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Create date formulas

# **Lesson 5: Creating Summary Functions in Formulas**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create summary functions in formulas

### **Lesson 6: Applying String Manipulation**

### **Lesson Objectives**



After completing this lesson, you will be able to:

Manipulate strings

# **Conditional Reporting**

# Lesson 1: Highlighting Data in a Report

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Implement conditional formatting using the Highlighting Expert

### **Lesson 2: Formatting Data Conditionally**

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Extend conditional formatting beyond the Highlighting Expert

# Charts

## **Lesson 1: Creating Charts Without Groups**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Create charts without groups

# Lesson 2: Creating Charts Based on Existing Groups and Summaries

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Create a chart with existing groups and summaries

# Lesson 3: Customizing a Chart on a Simple Report with No Groups

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Customize a chart

# **Report Distribution**

# **Lesson 1: Exporting a Report**

### **Lesson Objectives**

After completing this lesson, you will be able to:

· Export a report

# Lesson 2: Saving a Report to SAP BusinessObjects Business Intelligence Platform

### **Lesson Objectives**

After completing this lesson, you will be able to:

• Distribute reports with SAP BusinessObjects Business Intelligence platform