Courses Listed

Beginner
- SAPBI - Introduction to SAP BusinessObjects BI Solutions

Intermediate
- BOC310 - SAP Crystal Reports: Fundamentals of Report Design

Advanced
- BOC315 - SAP Crystal Reports: Fundamentals of Report Design
- BOC325 - SAP Crystal Reports - Business Reporting and Report Processing Strategies
- BOC320 - SAP Crystal Reports - Business Reporting and Report Processing Strategies
- BOC345 - SAP Crystal Reports 2011: Optimizing Report Data Processing
- BOCE10 - SAP Crystal Reports for Enterprise: Fundamentals of Report Design
- BOCE20 - SAP Crystal Reports for Enterprise: Advanced Report Design

Average time to complete is 11 day(s)
## All available schedules in your selection

### BOCE10  SAP Crystal Reports for Enterprise: Fundamentals of Report Design

<table>
<thead>
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<th>Timeframe</th>
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### BOCE20  SAP Crystal Reports for Enterprise: Advanced Report Design

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### BOC315  SAP Crystal Reports: Fundamentals of Report Design

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### BOC320  SAP Crystal Reports - Business Reporting and Report Processing Strategies

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# Course Listing

## BOC320  SAP Crystal Reports - Business Reporting and Report Processing Strategies (continued)

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## BOC310  SAP Crystal Reports: Fundamentals of Report Design

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## BOC325  SAP Crystal Reports - Business Reporting and Report Processing Strategies

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BOC345  SAP Crystal Reports 2011: Optimizing Report Data Processing (continued)

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

SAPBI  Introduction to SAP BusinessObjects BI Solutions

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BOCE10 - SAP Crystal Reports for Enterprise: Fundamentals of Report Design

Duration
2 days

Goals
- Plan and create a report
- Organize and format data
- Apply record selection
- Create formulas and apply conditioning report
- Export and distribute reports

Audience
- Business Analyst
- System Administrator

Essential
- Knowledge of Windows Conventions

Course based on software release
- SAP Crystal Reports for Enterprise
- SAP BusinessObjects BI platform 4.1

Content
- Report Planning
- Describing Database Concepts
- Planning and Developing a Report Prototype
- SAP BusinessObjects BI Platform and Data Source Connection
- Logging On to SAP BusinessObjects BI Platform
- Defining a Data Source
- Report Creation
- Connecting to a Data Source
- Creating a Query
- Describing the Report Design Environment
- Setting Up Report Sections
- Describing the Field Objects Controls
- Saving a Report
- Report Layout and Formatting
- Setting Page Properties
- Applying Report Formatting Options
- Data Selection
- Editing a Query
- Inserting Additional Filter Conditions
- Modifying Query Filters
- Applying Time-Based Filters
- Sorting, Grouping, and Totaling
- Sorting Data
- Grouping Data
- Creating Nested and Multiple Groups
- Creating a Custom Group
- Grouping on Time-Based Data
- Totaling Grouped Data
- Totaling Column Data
• Additional Report Objects
• Inserting Predefined Objects
• Adding Graphical Objects
• Formulas
  • Defining Formulas
  • Using the Formula Workshop
  • Creating and Modifying Formulas
  • Applying Boolean Formulas
  • Applying If-Then-Else Formulas
  • Applying Date Calculations + Applying Numeric Calculations + Applying String Manipulation
• Conditional Formatting
  • Formatting Objects Conditionally
  • Formatting Fields Conditionally with Formulas
  • Formatting Sections
  • Formatting Sections Conditionally
• Drilling Down on Sections
• Charting
  • Describing Charting Concepts
  • Charting On Data
• Formatting Charts
COURSE LISTING

- Report Distribution
- Exporting a Report
- Saving Reports to SAP BusinessObjects Business Intelligence Platform
This is a 3-day instructor-led classroom training that provides you with hands-on experience to creating complex reports. You will also get a comprehensive overview of the functionality of Crystal Reports for Enterprise.

Goals
- Business Analyst
- Developer
- System Administrator

Essential
- BOCE10

Course based on software release
- SAP Crystal Reports for Enterprise
- SAP BusinessObjects BI platform 4.1

Content
- 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
- 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 Form Letters, Hyperlinks, and Dynamic Graphics
• Building a Form Letter Report
• Building a Report with Hyperlinks
• Using Dynamic Graphic Locations
• Additional Specialized Reports
• Building a Report with Alerts
• Building Top N and Bottom N Reports
• Integrating Flash Objects
Course announcements

- By attending this course, you will understand how to design, explore, visualize and deliver reports via the web or embedded in enterprise application. You will also gain comprehensive skills and in-depth knowledge to plan and create reports that will help you analyze and interpret data.

Goals

- Participants will gain skills in designing reports
- Participants will gain a portion of the knowledge required for associate-level certification in Crystal Reports

Audience

- Application Consultant
- Business Analyst
- Business Process Owner / Team Lead / Power User

Essential

- Standard Windows conventions
- Basic computer skills and database concepts

Course based on software release

- BIP 4.1 SP2 (BIP41 FENCED WTS 61 GB RAM)

Content

- Report Concepts
- Describing Reporting Concepts
- Report Creation
- Choosing a Report Creation Method
- Connecting to Data Sources
- Navigating in the Design Environment
- Inserting Objects in a Report
- Previewing a Report
- Saving a Report
- Setting the Position and Size of Objects
- Formatting Objects
- Record Selection
- Setting Records Using Select Expert
- Saving and Refreshing Data in Reports
- Setting Additional Criteria
- Applying Time-Based Record Selection
- Report Data Sorting, Grouping, and Summarizing
- Sorting Records
- Creating a Grand Total
- Grouping Records
- Managing Multiple Groups
- Grouping on Time-Based Data
- Summarizing Data
- Sorting and Filtering Groups
- Sorting Groups using Specified Order
• Graphics and Special Fields
• Adding Graphical Elements
• Adding Special Fields
• Section Formatting
• Formatting Sections
• Controlling Page Breaks
• Creating Summary Reports
• Basic Formulas
• Defining a Formula
• Creating If-Then-Else Formulas
• Creating Boolean Formulas
• Creating Formulas with Dates
• Creating Summary Functions in Formulas
• Applying String Manipulation
• Conditional Reporting
• Highlighting Data in a Report
• Formatting Data Conditionally
• Charts
• Creating Charts Without Groups
• Creating Charts Based on Existing Groups and Summaries
• Customizing a Chart on a Simple Report with No Groups
• Report Distribution
• Exporting a Report
• Saving a Report to SAP BusinessObjects Business Intelligence Platform

Notes
• As a business benefit, this course will provide an in-depth approach to the entire report creation cycle, from planning a report prototype to distributing a report.
• This course is also available as an elearning (BOC315)
BOC320 - SAP Crystal Reports - Business Reporting and Report Processing Strategies

Duration
3 days

Course announcements
• This 3-day instructor-led course on SAP Crystal Reports 2013 is designed to give you comprehensive skills and in-depth knowledge to create advanced reports that will help you analyze and interpret data. As a business benefit, you will be able to increase your understanding of formulas, variables, arrays, templates, parameters, summaries and sections, which will help you to make more effective report design decisions and create more efficient reports.

Goals
• Apply advanced concepts of report design

Audience
• Application Consultant
• Business Analyst
• Business Process Owner / Team Lead / Power User

Essential
• Windows conventions
• Basic computer skills and database concepts

Course based on software release
• SAP BusinessObjects Business Intelligence Suite 4.1

Content
• Report Wizard
• Running Totals
• Alerts
• Functions
• Control Structures
BOC310 - SAP Crystal Reports: Fundamentals of Report Design

Duration
2 days

Course announcements
- By attending this course, you will understand how to design, explore, visualize and deliver reports via the web or embedded in enterprise applications. You will also gain comprehensive skills and in-depth knowledge to plan and create reports that will help you analyze and interpret data.

Goals
- Participants will gain skills in designing reports
- Participants will gain a portion of the knowledge required for associate-level certification in Crystal Reports

Audience
- Application Consultant
- Business Analyst
- Business Process Owner / Team Lead / Power User

Essential
- Standard Windows conventions
- Basic computer skills and database concepts

Course based on software release
- SAP Crystal Reports 2013

Content
- Report Concepts
- Describing Reporting Concepts
- Report Creation
- Choosing a Report Creation Method
- Connecting to Data Sources
- Navigating in the Design Environment
- Inserting Objects in a Report
- Previewing a Report
- Saving a Report
- Setting the Position and Size of Objects
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• Creating Charts Without Groups
• Creating Charts Based on Existing Groups and Summaries
• Customizing a Chart on a Simple Report with No Groups
• Report Distribution
• Exporting a Report
• Saving a Report to SAP BusinessObjects Business Intelligence Platform

Notes
• As a business benefit, this course will provide an in-depth approach to the entire report creation cycle, from planning a report prototype to distributing a report.
• This course is also available as an elearning (BOC315)
Course announcements

- This course on SAP Crystal Reports 2013 is designed to give you comprehensive skills and in-depth knowledge to create advanced reports that will help you analyze and interpret data. As a business benefit, you will be able to increase your understanding of formulas, variables, arrays, templates, parameters, summaries and sections, which will help you to make more effective report design decisions and create more efficient reports.

Goals

- Apply advanced concepts of report design

Audience

- Application Consultant
- Business Analyst
- Business Process Owner / Team Lead / Power User

Essential

- Windows conventions
- Basic computer skills and database concepts

Course based on software release

- SAP BusinessObjects Business Intelligence Suite 4.1

Content

- Report Wizard
- Running Totals
- Alerts
- Functions
- Control Structures
- Variables
- Templates
- Parameters
- Additional Parameters Properties
- Additional Applications for Parameters
- Dynamic List of Values for Parameters
- Arrays
- Crosstabs
- Custom Functions
- Sections
- Introduction to Subreports
- Linked Subreports
- Report Linking Report Processing
BOC345 - SAP Crystal Reports 2011: Optimizing Report Data Processing

Duration
8 hours

Goals
- In this eLearning course you will learn how to set up, configure, and maintain data connections for reports. You will learn how to link data, optimize reports, and push processing to the database server. As an established report designer within your company, you will gain a more advanced understanding of data connectivity within the Crystal Reports 2011® environment.

Audience
- Report Designers and Report Writers with strong report-design skills.

Essential
- Report Designers who attend this course should have completed the following:
  - BOC310 Crystal Reports: Fundamentals of Reports Design (alternatively BOC315)
  - BOC320 Crystal Reports: Business Reporting & Report Processing Strategies (alternatively BOC325)
  - Knowledge of basic database concepts
  - Knowledge of basic SQL concepts

Course based on software release
- SAP Crystal Reports 2011

Content
- Identification of link and join types
- Setup and configuration of data sources
- Updating a report for database changes
- Server-side data processing
- Report data validation
- Problem detection and fixes

Notes
- Course length: 8 hours
- This course is a course in the SAP Certified Application Associate – Crystal Reports 2011
SAPBI - Introduction to SAP BusinessObjects BI Solutions

Duration
3 days

Course announcements

• SAPBI is a high-level class focusing on SAP’s strategic reporting tools. The course provides an overview of each tool with a focus on important features, target users, and use cases. SAP BusinessObjects BI Platform and sources of SAP data for these tools including SAP HANA and SAP BW are also covered. SAPBI provides an excellent foundation for future learning and deployment of the current tools for Business Intelligence from SAP.

Goals

• This course will prepare you to:
  • Describe the SAP BusinessObjects Business Intelligence analytic tools
  • Learn about the use cases and get an overview of basic functions of the most important BusinessObjects reporting tools.

Audience

• Application Consultant
• Business Analyst
• Business Process Owner / Team Lead / Power User
• Solution Architect
• System Architect

Essential

• None

Course based on software release

• SAP BusinessObjects BI 4.2, SP7
• SAP BW 7.5, SP10 (ABAP/JAVA)
• SAP HANA, SPS12 Database
Notes
• The SAPBI course focuses only on the tools SAP recommends going forward, which include: SAP Crystal Reports for Enterprise, SAP Crystal Reports, SAP Lumira Designer, SAP BusinessObjects Analysis for Microsoft Office, and SAP BusinessObjects Web Intelligence.
• This course mentions but does not detail the newest tools for purely Cloud-based analysis called SAP Analytics Cloud. For detail on SAP Analytics Cloud, please attend SAC01
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