



Crystal Reports Advanced

Course Outline

Who should attend?

Users with the basics Crystal Reports report design skills wishing to expand their knowledge and skills.

Course Duration:

2 day Instructor-led class consisting of lectures, hands-on exercises and demonstrations.

Prerequisites:

- Working knowledge of windows conventions
- Basic database concepts
- Understanding of Crystal Reports basics.

What will I learn?

After completing the course, you will be able to:

- Use the repository
- Manage reports
- Create complex formulas
- Use variables and arrays
- Build parameterized reports
- Use report sections
- Describe report processing
- Use Subreports
- Build specialized reports

1. Advanced Reporting Features

1.1. Parameters

- Defining and creating parameters
- Building a report with multiple parameters
- Creating parameters using date fields, numbers and string fields
- Creating report titles using parameters
- Grouping using parameters
- Sorting using parameters

1.2. Subreports

- Defining subreports
- Creating an unlinked subreport
- Creating a linked subreport
- Creating an on-demand subreport

2. Advanced formulas and functions

- Creating complex formulas
- Using loop control structures
- Using variables in formulas
- Using arrays functions
- Creating formulas using nested functions
- Creating running totals

Using shared variables between subreport and main report

3. Describing Report Processing

- Understanding multipass reporting
- Using evaluation time functions in formulas
- Using dynamic array

4. Specialised Formatting

- Using the section expert for advanced conditional formatting
- Creating form letters
- Adding a hyperlink to a report
- Using Dynamic Graphic Locations
- Creating report alerts
- Using the Group sort expert to create a top N report

5. Charts and maps

- Working with charts
- Creating maps

6. Data management features

- The Business Objects Enterprise Repository

The Workbench