

# CRYSTAL REPORTS ADVANCED

AVAILABLE IN VERSIONS 2016, 2013, 2011, 2008 & XI



## More on Parameter Fields

- ▶ Static & Dynamic, Pick List Parameters
- ▶ Parameter Edit Masks

## Sub Reports & Sections

- ▶ Creating Linked & Unlinked Sub Reports
- ▶ Inserting, Deleting & Merging Sections
- ▶ Controlling Report Pages
- ▶ Linking & Embedding Objects

## Formulae Revision

- ▶ If... Then... Else... Statements

## More on Formulae & Functions

- ▶ Crystal Syntax & Built In Functions
- ▶ String & Date Functions

## Variables

- ▶ What is a Variable?
- ▶ Declaring Variables
- ▶ Calling Variables in a Formula
- ▶ Referencing Array & Range Variables
- ▶ Understanding Multi-Pass Reporting & Formula Evaluation

## Control Structures

- ▶ Looping & Loop... While... Structures
- ▶ Select Case Functions

## Custom Functions

- ▶ Creating Custom Functions
- ▶ Introducing the Crystal Repository

## Data Access Techniques

- ▶ Connecting to ODBC Data Sources
- ▶ Creating & Editing SQL Queries
- ▶ Using the SQL Designer
- ▶ Creating, Saving & Running an SQL Query
- ▶ Using SQL Queries to Create Reports
- ▶ Report Alerts

## Working with Charts

- ▶ Creating & Modifying Charts
- ▶ Formatting Charts
- ▶ Chart Options

## Working with Maps

- ▶ Creating Geographical Maps
- ▶ Customising & Formatting Maps

## Cross Tab & OLAP Reports

- ▶ Creating & Formatting Cross Tab Reports
- ▶ 2-D & 3-D Reports
- ▶ Creating Reports from an OLAP Cube
- ▶ The OLAP Analyser

## Course Duration: 2 Days

**Price Per Delegate: £495**  
(Public Scheduled Course)

**Price Per Course: £1,395**  
(On-Site at Customer Premises)

## Suitable For:

Those who need to develop reports that include complex formulae & functions and who need to manipulate large volumes of data in order to produce accurate results.

## Learning Outcomes:

By the end of the course delegates will be able to create reports which contain complex formulae using variables and functions. They will also be able to query data sources using SQL commands and expressions.

## Prerequisite Skills:

Delegates attending this course must be able to confidently create a report that includes sorting, grouping and summary data.