



REAL WORLD
TECHNOLOGY TRAINING & SOLUTIONS
"Training You Can Really Use"

SAP® Crystal Reports® 2020: Part 2

Duration: 2 Days

Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

Until now, SAP Crystal Reports have been used to build and modify reports. Professionals want to use the advanced functionality of Crystal Reports to generate reports in the format they desire. In this course, participants will create complex reports and data sources using the tools in Crystal Reports 2020. They will create more sophisticated reports including subreports and cross-tabs but also increase the speed and efficiency of their reports by using SQL queries. By creating subreports, cross-tabs, and running totals, they will turn raw data into meaningful customized reports that will help their business run more smoothly. Participants will also learn to use tools that can increase the speed with which data is retrieved and thus eliminate any performance issues they may be faced with.

Target Audience

This course is intended for:

- Persons who know how to create basic list and group reports and need to create reports that include subreports, cross-tabs, advanced formulas, and charts based on more than one data series. They may also need to build tools that make it easier for other people to create reports.

Prerequisites

To attend this course, candidates must have:

- Completed the *SAP Crystal Reports 2020: Part 1* course or have equivalent knowledge and skill.
- Knowledge of programming and/or SQL would also be helpful.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Create automatic and manual running totals.
- Work with cross-tab reports.
- Add subreports.
- Create drill-downs in a report.



Course Objectives *Continued*

- Use SQL statements in report processing.
- Create complex formulas.
- Add charts to reports.
- Enhance report functionality.

Course Topics

Module 1: Creating Running Totals

- Create a Running Total Field
- Modify a Running Total Field
- Create a Manual Running Total

Module 2: Working with Cross-Tabs

- Create a Cross-Tab Report
- Format a Cross-Tab Report
- Create Groups in Cross-Tab Reports

Module 3: Adding Subreports

- Insert a Subreport
- Edit a Subreport
- Share Variables

Module 4: Creating Drill-Downs in a Report

- Create a Drill-Down
- Create Headings for Drill-Down Data

Module 5: Using SQL Statements in Report Processing

- Create a Report Using SQL Queries
- Summarize Report Data
- Create Joins Using SQL
- Create Subqueries
- Create an SQL Expression Field

Module 6: Creating Complex Formulas

- Work with Loops
- Work with Arrays

Module 7: Adding Charts to Reports

- Create Charts
- Drill Down to Chart Data
- Create a Top N Chart
- Create a Cross-Tab Chart
- Create Charts for Grouped Data
- Format a Chart
- Create a Chart Template

Module 8: Enhancing Report Functionality

- Organize Data Based on a Hierarchy
- Create a Dynamic Image
- Create a Report Alert
- Create a Geographic Map

Appendix A: Managing Reports

Appendix B: Processing Data on the Server

Appendix C: Detecting and Fixing Problems

ACTIVITIES INCLUDED