

**Chapter 1: Introduction**

You will learn:

- The featureset of Crystal Reports.
- How to establish data access.
- Tools and techniques for productivity and maintenance.
- Flexible application integration.
- Report management and delivery.
- .NET and Java versions of Crystal Reports.

**Chapter 2: Getting Started**

You will learn:

- Report Creation Wizards.
- Report Designer.
- Previewing reports.
- How to create the first report.
- Table selection.
- Table linking.
- Field selection.
- How to use templates.
- Saving the report.

**Chapter 3: Report Design**

You will learn:

- Deciding on the content.
- Determining the layout.
- Determining printing area characteristics.
- Working with Explorers - Report and Field.
- Report Designer.
- Working with objects.
- Using Record Sort, Group, and Section Experts.

**Chapter 4: Formatting**

You will learn:

- Formatting concepts.
- Using templates.
- Using the report design environment.
- Working with shapes.
- Placing data in multiple columns.
- Applying absolute and conditional formatting.

**Chapter 5: Analyzing Report Data**

You will learn:

- Formatting concepts.
- Using templates.
- Using the report design environment.
- Working with shapes.
- Placing data in multiple columns.
- Applying absolute and conditional formatting.

**Chapter 6: Expressions, Formulas, and Functions**

You will learn:

- Creating "Green Bar" reports.
- Formula Workshop.
- Workshop Tree.
- Creating formulas.
- Creating calculations.
- Highlighting Expert.
- Built-in functions.
- Converting data types.
- Referencing report fields.
- Declaring report variables.
- Variable assignment.
- Conditional structures.
- If statement.
- Conditional report functions.
- Looping structures.

**Chapter 7: Complex Reports**

You will learn:

- Creating a Cross-Tab object.
- Formatting properties.
- Style properties.
- Customizing style.

**Chapter 8: Visual Elements – Adding**

You will learn:

- Adding visual elements.
- Choosing the appropriate chart.
- The On Change Of List.
- Adding Group and Cross-Tab Charts.
- Requirements for Group Button.

**Chapter 9: Integration**

You will learn:

- Relational database fundamentals.
- Indexed tables.
- Linking tables.
- Database Expert Links tab.
- Linking indexed tables.
- Linking options.
- Link types.
- How Crystal Reports uses SQL.