Basic Crystal Reports 2013 พื้นฐาน

SAP Crystal Reports2013 (Crystal Reports) isdesignedto work withyourdatabasetohelpyouanalyze and interpret important information Crystal Reports makes it easy to create simple reports and it also has the comprehensive tools you need to produce complex or specialized reports

Crystal Reports isdesignedtoproducethereport you want from virtuallyanydatasource Built-inreport experts guide you step by step through building reports and completing common reporting tasks.Formulas cross-tabs subreports, and conditional formatting help make sense of data and uncover important relationships that might otherwise be hidden. Geographic maps and graphs communicate information visually when words and numbers are simply not enough

วัตถุประสงค์:

- ☐ The Crystal Reports Environment
- ☐ Creating Data Connections
- ☐ Creating Basic Reports
- ☐ Linking Tables in a Report
- ☐ Basic Formatting Techniques
- ☐ Record Selection
- ☐ Sorting and Grouping Records
- ☐ Printing Reports
- ☐ Using Formulas
- ☐ Advanced Formatting
- ☐ Summary Reports
- ☐ Charting

- Advanced Reporting Tools
- Advanced Formula Creation
- Advanced Reporting
- Using Report Wizards
- Advanced Database Concepts

กลุ่มเป้าหมาย:

- นักเรียนนักศึกษา
- ครู อาจารย์ วิทยากรที่สนใจ
- นักวิชาการ นักไอที หรือผู้ดูและระบบ
- ตลอดจนผู้สนใจทั่วไป

ความรู้พื้นฐาน:

- สามารถใช้งานระบบคอมพิวเตอร์และอินเทอร์เน็ตได้
- ความเข้าใจเกี่ยวกับฐานข้อมูล
- Fundamental knowledge of network technologies including Domain Name System (DNS), Active Directory and TCP/IP.
- Experience with the Windows Server operating systems.

ระยะเวลาในการอบรม:

- 18 ชั่วโมง

ราคาคอร์สอบรม:

- ราคา 7,900 บาท (ราคานี้ยังไม่ได้รวมภาษีมูลค่าเพิ่ม)

บริษัท ไอทีจีเนียส เอ็นจิเนียริ่ง จำกัด
IT GENIUS ENGINEERING CO.,LTD.
Tel. 02-933-0427 , 088-807-9770

วิทยากรผู้สอน:

☐ อาจารย์สนิทวงศ์ กมลภากรณ์

เนื้อหาการอบรม:

The Crystal Reports Environment

1. Starting Crystal Reports

2. The Menu Bar

3. Using Toolbars

4. The Design View

Creating Data Connections

1. Creating a New Blank Report

2. The Database Expert

3. Access/Excel (DAO)

4. ADO.NET (XML)

5. Database Files

6. Java Beans Connectivity

7. JDBC (JNDI)

8. ODBC (RDO)

9. OLAP

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10. OLE DB (ADO)

11. Salesforce.com

12. SAP BW MDX Query

13. SAP Info Sets

14. SAP Operational Data Source

15. SAP Table, Cluster, or Function

16. Universes

17. XML and Web Services

18. Repository

19. More Data Sources

20. Selecting Report Data and Tables

21. The Data Explorer

Creating Basic Reports

1. Adding Data Fields to a Report

2. Browsing Field Data

3. Selecting, Moving, and Resizing Fields

4. Using the "Size" and "Align" Commands

5. Creating Text Objects

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6. Saving a Report

7. Previewing a Report

8. Refreshing the Report Data

Linking Tables in a Report

1. Basic Table Structures and Terms

2. Linking Multiple Tables

3. Table Joins

4. Enforcing Table Joins and Changing Link Types

Basic Formatting Techniques

1. Formatting Report Objects

2. The "Common" Tab of the Format Editor

3. The "Number" Tab of the Format Editor

4. The "Font" Tab of the Format Editor

5. The "Border" Tab of the Format Editor

6. The "Date and Time" Tab of the Format Editor

7. The "Paragraph" Tab of the Format Editor

8. The "Picture" Tab of the Format Editor

9. The "Boolean" Tab of the Format Editor

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10. The "Hyperlink" Tab of the Format Editor

11. The "Subreport" Tab of the Format Editor

12. Drawing Lines

13. Drawing Boxes

14. Format Painter

15. Formatting Part of a Text Object

16. The Template Expert

17. Inserting Pictures

Record Selection

1. The Select Expert

2. Setting Multiple Filters

3. Editing the Selection Formula

Sorting and Grouping Records

1. The Record Sort Expert

2. The Group Expert

3. Managing Groups

4. Summarizing Groups

5. Hierarchical Groupings

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6. The Group Sort Expert

Printing Reports

1. Inserting Special Fields

2. Page Setup

3. Printing Reports

Using Formulas

1. Crystal Reports Formula Syntax

2. The Formula Workshop- Formula Editor Window

3. Creating Formula Fields

4. Crystal Syntax

5. Basic Syntax

6. Finding Function and Operator Assistance

Advanced Formatting

1. The Highlighting Expert

2. The Section Expert

3. Conditionally Formatting a Section

4. Conditionally Formatting a Field

5. Manipulating Multiple Sections

Summary Reports

1. Summarizing Report Data

2. Using the DrillDownGroupLevel Feature

Charting

1. The Chart Expert

2. Editing Charts

3. Setting General Chart Options

4. Formatting Selected Chart Items

5. Formatting a Data Series

6. Formatting Chart Gridlines

7. Setting Chart Axes Options

8 . Adding Chart Trendlines

9 . Modifying a 3D Chart View

10. Using Chart Templates

11. Auto-Arranging Charts

Advanced Reporting Tools

1. Using Running Totals

2. Creating Parameter Fields

3. Parameterized Record Selection

4. Creating Subreports

5. Report Alerts

6. Report Alert Functions

Advanced Formula Creation

1. Evaluation Time Functions

2. Declaring Variables

3. Using and Displaying Variables

4. Using Array Values

5. Using "If… Then… Else…" Statements

6. Using the "Select/Case" Statement

7. Using "For" Loops

8. Using "Do… While" Loops

9. The IIF Function

Advanced Reporting

1. Creating a Report Template

2. Exporting Report Results

3. Exporting as HTML

4. Setting Default Options

5. Setting Report Options

Using Report Wizards

1. Using the Report Wizards

2. Report Wizard Types

3. Creating a Cross-Tab Report

Advanced Database Concepts

1. Viewing the SQL Code

2. Using Table Aliases

3. Verifying the Database

4. Setting the Datasource Location

5. Mapping Fields