

BO XI Course Content

Overview of the Data warehousing BO XI

- ❖ OLTP vs. OLAP
- ❖ Types of OLAP
- ❖ Dimensional modeling
- ❖ Data mart/Data warehouse Life cycle
- ❖ Star/Snow/Extended Star schema design

Database Concepts needed for Data warehousing:

- ❖ Joins & Cardinality
- ❖ Views/Materialized Views
- ❖ Date/Time Functions
- ❖ Conversion functions
- ❖ Package
- ❖ Derived table & Stored Procedure

BOXIR3 Architecture:

- ❖ Architectural overview
- ❖ Client tier components
- ❖ Application tier components
- ❖ Intelligence tier
- ❖ Processing tier
- ❖ Data tier
- ❖ Security management
- ❖ Information flow

Universe Design:

- ❖ Understanding Business Objects Universes
- ❖ Creating the Course Universe
- ❖ Building the Universe Structure
- ❖ Creating Dimension Objects
- ❖ Creating Measure Objects
- ❖ Resolving Loops in a Universe
- ❖ Resolving SQL Traps
- ❖ Using List of Values
- ❖ Applying Restrictions on Objects
- ❖ Using @Functions with Objects
- ❖ Using Hierarchies
- ❖ Deriving Tables & Indexes
- ❖ Working with Aggregate Awareness
- ❖ Designing Advanced Objects
- ❖ Creating Predefined Condition
- ❖ LOVs & Joins
- ❖ Securing Universes
- ❖ Implementing Universe Life Cycle Mgmt
- ❖ Maintaining & Optimizing Universes
- ❖ Creating Universe from Other Data sources

Web intelligence:

- ❖ Understand concepts of Web intelligence
- ❖ Create Web Intelligence documents with Queries
- ❖ Restrict data returned by a query
- ❖ Design a report
- ❖ Enhance the presentation of data in reports
- ❖ Format a report
- ❖ Calculate data with formulas and variables
- ❖ Use multiple data sources
- ❖ Analyze data
- ❖ Manage and share Web Intelligence documents
- ❖ Work with Advanced Query techniques
- ❖ Work with calculation contexts
- ❖ Create formulas with character & date string functions
- ❖ Use "If" logic
- ❖ Work with additional reporting techniques
- ❖ Create hyperlinks

Crystal Reports

- ❖ Planning a Report
- ❖ Selecting Records
- ❖ Formatting a Report
- ❖ Representing Data Visually
- ❖ Distributing Reports
- ❖ Creating Basic Formulas
- ❖ Organizing Data on a Report
- ❖ Applying Section Formatting
- ❖ Applying Conditional Reporting
- ❖ Using the Repository
- ❖ Using Report Templates
- ❖ Creating Formulas
- ❖ Building Parameterized Reports
- ❖ Summarizing Data with Cross-Tabs
- ❖ Using Report Sections
- ❖ Managing Reports
- ❖ Presenting Data Visually
- ❖ Add hyperlinks to a report

Dashboard Builder:

- ❖ Understanding Dashboard Manager
- ❖ Setting Up Dashboard Manager
- ❖ Creating Metrics
- ❖ Automating Dashboards with Rules
- ❖ Creating Analytics
- ❖ Creating Personal Dashboards
- ❖ Creating Corporate Dashboards
- ❖ Guiding Dashboard Navigation

Xcelsius-Scorecard Builder:

- ❖ Creating a Model
- ❖ Adding Interactivity to a Model
- ❖ Creating a Connected Model
- ❖ Connect to Crystal Reports data and create Dashboard
- ❖ Connect to Web intelligence report data and Create Dashboard
- ❖ Connect to Business Objects Universes
- ❖ Using Query as a web service and create Dashboard
- ❖ Use Live Office data and create Dashboard
- ❖ Use other connectivity components and create Dashboard

Migration from BO 5.X to BO XI R3:

- ❖ Migration fundamentals
- ❖ How Business Objects Enterprise XI 3.0 Compares with versions 5.x and 6.x
- ❖ Migration concepts
- ❖ Import Wizard Concepts
- ❖ Understanding object migration
- ❖ Understanding user and group migration
- ❖ Migration planning and assessment
- ❖ After migration with the Import Wizard

Administration:

- ❖ Understand the Business Objects
- ❖ Enterprise interface & architecture
- ❖ Manage Business Objects Enterprise content
- ❖ Secure Business Objects Enterprise content
- ❖ Secure application security
- ❖ Schedule content
- ❖ Publish reports
- ❖ Identify Business Objects Enterprise architecture
- ❖ Perform common server management tasks
- ❖ Manage the Business Objects Enterprise servers

Desktop Intelligence:

- ❖ Introduction to desktop intelligence
- ❖ Scope of analysis
- ❖ ZABO
- ❖ Report creation
- ❖ Saving the reports in local repository
- ❖ Publishing the report
- ❖ Report conversion (desktop) to (Webi)

Webi-rich Client:

- ❖ Installing Web Intelligence Rich Client
- ❖ Web Intelligence Rich Client working modes
- ❖ Launching Web Intelligence Rich Client
- ❖ To set user preferences in Web Intelligence Rich Client
- ❖ Working with documents
- ❖ Working with universes in Web Intelligence Rich Client
- ❖ Accessing Web Intelligence from InfoView
- ❖ Working with queries in Web Intelligence Rich Client
- ❖ Working with reports

Universe Builder & Query Builder:

- ❖ Universe Builder basics
- ❖ Building universes from XML metadata sources
- ❖ Updating XML metadata source universes
- ❖ Exporting a universe to a XML file format

Query as Web service:

- ❖ Configuring the QWS with BO System
- ❖ Creating Webservice report from Universes
- ❖ Creating WSDL reports
- ❖ Using WSDL reports in external application

Voyager:

- ❖ Getting Started with Business Objects Voyager
- ❖ Using Queries to Analyze Cube Data
- ❖ Using Charts to Visualize Data
- ❖ Selecting Members to Display in Crosstabs and Charts
- ❖ Sorting, Filtering, and Ranking Data
- ❖ Highlighting Exceptions in Data
- ❖ Saving and Sharing Voyager Workspaces

Security Implementation:

- ❖ Creating Secured users & group
- ❖ Creation secured connections
- ❖ Creation of Secured objects
- ❖ Creation of security at Table, Column & row level
- ❖ Creation of secured restriction set
- ❖ mapping to users or groups

Widgets

- ❖ Installing BI Widgets
- ❖ Using BI Widgets to Access BI Content
- ❖ Working with widgets
- ❖ BI Widgets Content Authoring Guidelines
- ❖ Auto refresh of Widgets