

**SAP BO Course Content:35-40hours**

**Course Outline**

**Architecture Overview and Diagram**

- Client Tier
- Intelligent Tier
- Application Tier
- Process Tier
- Data Tier
- Report Viewer
- Information Flow
- Choosing between Live and Saved Data
- Publishing Objects to Business Object Enterprise
- Introduction to Business Object XI R2

**Designer Basics**

**1. Getting Started**

- Starting Designer
- Importing a Universe
- Exporting a Universe
- Opening a Universe
- Creating a New Universe
- Saving a Universe
- Closing a Universe

**2. Using Interface Components**

- Designer Windows and Panes
- Manipulating Tables
- Using List mode

**3. Setting Universe Parameters and Options**

- What are Universe parameters?
- Identifying the Universe
- Setting Universe Summary Parameters
- Specifying Strategies
- Indicating Resource Controls
- Specifying SQL Options
- Setting Options for linking Universes
- Setting SQL Generation Parameters
- Selecting General Universe Options
- Setting Database Options for strategies

- Setting Graphic display options

#### **4. Working with Connections**

- Managing Connections
- Creating a New Connection

### **Designing a Schema**

#### **1. Working with Tables**

- Using the table Browser
- Arranging tables automatically
- Changing table display
- Viewing table values
- Setting table row count options
- Renaming a table
- Creating an alias
- Detecting and Creating an alias
- Using derived tables
- View Column values

#### **2. Working with Joins**

- Using Cardinalities
- I) Explaining Cardinalities
- II) Displaying Cardinalities
- III) Setting Cardinalities
- Creating Joins
- Defining different types of joins
- ANSI 92 Support for Joins
- Creating Equi-Joins
- Creating Theta Joins
- Creating Outer Joins
- Creating Shortcut Joins Creating self-restricting Joins
- Automatically detecting Joins
- Deleting Joins
- Editing a Join
- Using the Join SQL Editor Displaying Keys

#### **3. Using Contexts**

- Editing a Context
- Inserting a new Context
- Detecting and inserting Contexts
- Solving Join Path Problems
- Automatically Detecting Loops

#### **4. Building a Universe**

- Specifying Strategies
- Setting database options for strategies
- Editing Class Properties
- Editing Object definitions
- Editing Object Properties
- Editing Object advanced properties
- Using Object key awareness
- Providing technical information for an Object
- Editing Condition Objects
- Editing select statements with the SQL Editor
- Interning multiple tables to apply a conditions
- Using aggregate awareness
- Viewing and setting up Hierarchies
- Using @ functions
- Search and find in a Universe

#### **5. Working with list of values**

- Managing list of values
- List of values of an object
- Symbols used defining cell formats

#### **6. Formatting Cells**

- Defining font settings for documents
- Changing font format for cells
- Defining cell shading
- Defining border settings for cells
- Setting text alignment in cells

#### **7. Using the Query Panel**

- Using the Query panel
- Query panel classes and objects panel
- Query panel conditions panel
- Sorting objects in the Query panels
- Using the results pane in the query panel
- Checking the Universe
- Checking Universe Integrity
- Viewing results of Check integrity

#### **8. Setting Access Restrictions**

- Setting Universe security

- Managing access restrictions
- Defining a restrictions
- Editing a restrictions
- Set a restriction group priority
- Previewing security restrictions
- Adding Users and Groups to the available groups and Users Panes
- Selecting Users and Groups for a restrictions
- Giving all Users Universe access Working with Passwords
- Setting password preferences
- Changing passwords
- Password write access
- Password read only access

## **Creating Queries and Generating Reports with Report Formatting Techniques using Desktop Intelligence and Web**

### **9. Intelligence (Info View)**

- Building Basic Queries
- Including Multiple Queries
- Filtering data retrieval
- Types of query filters
- Using pre-defined, custom query filters
- 1. Building Prompt Filters
- 2. Advanced
- Working with reports
- Inserting and formatting reports
- Using sections and sorts
- Using Standard calculations, Alerts
- 1. Custom Calculations
- Saving Formulas as Variables
- Analyzing data at a deeper levels
- Importing documents
- Exporting documents
- Creating Reports
- Analyzing data
- Sorting data
- Filter data
- Variables
- List of Values
- User Objects
- Formatting Alerts
- Formatting Reports
- Formatting Tables and Cross Tables
- Formatting Charts
- Formatting Cells

- Setting Options
- Reviewing Documents
- Printing Reports
- Using Desktop Intelligence functions

