Oracle BI Publisher 11g R1: Fundamentals

Introduction to Oracle BI Publisher 11g

- Course Agenda
- Overview of Oracle BI Foundation Suite
- Overview of Oracle Fusion Middleware
- Overview of Oracle BI EE
- Functions of Reporting Systems including Challenges
- Introducing BI Publisher Paradigm
- BI Publisher as a Strategic Reporting Solution for All Applicationss
- Salient Features of BI Publisher

BI Publisher Technology and Architecture

- Functional Components
- Layout Templates
- Multitier Architecture
- Enterprise Server Architecture and Performance and Scalability
- Document Generation Process and Output Formats
- Supported Data Sources
- Bursting Overview
- Internationalization and Language Support

Getting Started with BI Publisher

- Logging In, the Home Page, and Global Header, and Setting Account Preferences
- Viewing Reports
- Managing Repository Objects
- Managing Favorites
- Using Create Report wizard to Create Reports
- Selecting Data: Data Model, Spreadsheet, and BI Subject Area
- Configuring Report Properties

Using the Data Model Editor

- Exploring the Schemas Used in the Course
- Exploring the Data Model Editor UI and the Supported Data Sources
- Creating a Private Data Source
- Creating a Simple Data Model based on a SQL Query Data Set
- Using Query Builder to Build a Query
- Viewing Data and Saving Sample Data Sets
- Adding Parameters and LOVs to the Query
- Configuring Parameter Settings and Viewing Reports with Parameters

Working with Layout Editor

- Opening the Layout Editor and Navigating the Layout Editor UI
- Creating a Layout by Using a Basic Template
- Inserting a Layout Grid
- Adding a Table, Formatting Columns, Defining Sorts and Groups, and Applying Conditional Formats
- Inserting and Editing Charts, and Converting Charts to a Pivot Tables
- Adding Repeating Sections, Text Items, and Images
- Working with Lists, Gauges and Pivot Tables
- Creating Boilerplates

Using Template Builder to Create Templates

- Using the BI Publisher Menu Bar
- Creating an RTF Template from a Sample, Changing Field Properties, and Previewing Table Data
- Adding a Chart to an RTF Template
- Designing an RTF Template for a BI Publisher Report
- Creating a BI Publisher Report by Using Template Builder in Online Mode
- Exploring the Basic and Form Field Methods
- Exploring Advanced RTF Template Techniques Including Conditional Formats, Watermarks, Page-Level Calculations, Running Totals, Grouping, and Sorting

BI Publisher Server: Administration and Security

- Describing the Administration Page
- Creating the JDBC Connections
- Setting, Viewing, and Updating Data Sources
- Describing the Security Model for BI Publisher and Oracle Fusion Middleware
- Describing Groups, Users, Roles, and Permissions
- Describing Delivery Options Including Print, Fax, Email, WebDav, HTTP Server, FTP, and CUPS
- Describing and Configuring BI Publisher Scheduler
- Integrating with Oracle BI Presentation Services and Oracle Endeca Server