

## Oracle BI Publisher 12c R1: Fundamentals Ed 1

**Duration:** 3 Days

### What you will learn

This Oracle BI Publisher 12c training will help you build a foundation of understanding how to best leverage this solution. Through Classroom Training or Live Virtual Class Training, you'll learn the ins and outs of how to use this solution. Learn To: Create data models by using the Data Model Editor. Create BI Publisher reports based on data models. Create report layouts by using the Layout Editor (online). Create reports based on OBI EE data sources. Publish the reports on OBI EE Dashboards. Schedule reports and burst these reports. Creating Reports Furthermore, you'll learn how to create layouts for reports, then publish the highly formatted reports to a wide range of destinations (printers, faxes, email, and document repositories via FTP or WebDav). Publisher's report formats can also be designed by using familiar Microsoft Office tools like Microsoft Word and Excel. Scheduling and Bursting Reports Oracle BI Publisher 12c provides best of breed capabilities for scheduling and bursting reports. By investing in this course, you'll learn how to schedule and manage scheduled jobs, along with bursting reports to other destinations.

### Course Objectives

Schedule and Burst Reports

Perform Translations

Create Reports Integrated With Oracle BI EE

Administer BI Publisher Server

Describe BI Publisher Technology and Architecture

Create reports from OBI EE data sources

Create and Modify Data Models

Create RTF Templates by Using Template Builder

Explore and Use the Form Field Method for Creating RTF Templates

Create Layouts by Using the Layout Editor

## Course Topics

### Introduction to Oracle BI Publisher 12c

- 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 Applications
- 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 RTF 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, R

## **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

## **Scheduling and Bursting Reports**

Scheduling and Describing a Report Job and Related Options

Managing and Viewing a Report Job

Viewing Report Job History

Scheduling a Report with Trigger

Describing Bursting

Adding a Bursting Definition to a Data Model

Scheduling a Bursting Job

## **Integrating BI Publisher with Oracle BI Enterprise Edition**

Configuring Presentation Services Integration

Navigating Oracle BI EE

Creating a Report based on OBI EE Subject Area

Creating a Data Model and Report based on a BI Server SQL Query

Creating a Data Model and Report based on an Oracle BI Analysis

Adding a BI Publisher Report to an Oracle BI EE Dashboard

## **Creating Data Models and BI Publisher Reports Based on Other Data Sources**

Configuring Presentation Services Integration

Describing the Web Services Data Source

Describing the HTTP (XML/RSS Feed) Data Source

Explaining Proxy Setting for Web Services and HTTP Data Sources

Creating a BI Publisher Report based on an External Web Service

Creating a BI Publisher Report based on an HTTP Data Set

Creating a BI Publisher Report Based on XML File  
Creating a BI Publisher Report Based on CSV Data source

## **Performing Translations**

Describing Translation Types  
Translating by Using the Localized Template Option  
Translating by Using the XLIFF Option  
Managing XLIFF Translations on BI Publisher Server  
Describing the Overall Translation Process  
Describing Catalog Translation  
Exporting and Importing the XLIFF for a Catalog Folder