

Oracle BI Publisher 11g R1: Fundamentals

Duration: 3 Days

What you will learn

This Oracle BI Publisher 11g 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 11g 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.

Audience

- Application Developers
- Business Analysts
- Business Intelligence Developer
- Delivery
- End Users
- Functional Implementer
- Reports Developer
- Technical Consultant

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 Layouts by Using the Layout Editor

Create RTF Templates by Using Template Builder

Explore and Use the Form Field Method for Creating RTF Templates

Course Topics

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 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 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

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

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