

Oracle BI Publisher 12c: Fundamentals LVC

Course Duration: 24 Hours

Course code: Oracle BI Publisher 12c

1. Course Overview

This course introduces learners to Oracle BI Publisher 12c and its powerful reporting capabilities. Participants will learn how to create, manage, and deliver highly formatted documents and interactive reports. The course covers data model creation, report layout design, template building, scheduling, bursting, and integration with Oracle applications. It provides hands-on experience to effectively design and publish business reports in different formats such as PDF, Excel, Word, and HTML.

2. What you'll learn?

By the end of this course, you will be able to:

- Understand the architecture and components of Oracle BI Publisher 12c
- Create data models using SQL queries and data sources
- Design report layouts using BI Publisher Layout Editor and Microsoft Word Plug-in
- Generate reports in multiple output formats
- Implement parameters, lists, and charts in BI Publisher reports
- Configure scheduling and bursting for automated report delivery
- Integrate BI Publisher with Oracle applications and Web services
- Manage BI Publisher reports using the catalog and security features

3. Target Audience

- Business Intelligence Developers
- Report Developers and Analysts
- Database Administrators working with reporting solutions
- Application Developers integrating BI Publisher

4. Pre-Requisites

- Basic knowledge of SQL
- Familiarity with XML concepts
- General understanding of Oracle databases and applications

5. Course content

Module 1: Introduction to Oracle BI Publisher 12c

- Overview of BI Publisher
- Key features and benefits
- BI Publisher architecture and components

Module 2: Data Models in BI Publisher

- Introduction to data sources
- Creating data sets using SQL, Web services, and Excel
- Parameters and lists of values (LOV)
- Designing data models with multiple data sets

Module 3: Report Layouts and Templates

- Using Layout Editor
- RTF templates with Microsoft Word Plug-in
- Creating tables, charts, and forms
- Best practices in template design

Module 4: Working with BI Publisher Reports

- Creating and running reports
- Report output formats (PDF, Excel, HTML, Word)
- Configuring report parameters and filters

Module 5: Scheduling and Bursting

- Introduction to report scheduling
- Creating job schedules

- Configuring and managing bursting for personalized report distribution

Module 6: Advanced Reporting Features

- Conditional formatting and dynamic content
- Using sub-templates and reusable components
- Report performance optimization

Module 7: Security and Administration in BI Publisher

- BI Publisher security model
- User roles and permissions
- Managing the BI Publisher catalog

Module 8: BI Publisher Integration

- Integrating with Oracle Fusion Middleware
- Using BI Publisher Web services
- Embedding BI Publisher reports into applications