

## Oracle BI Publisher 11g Training for Primavera P6

Duration:	3 Days
Prerequisites:	Primavera P6 Project Management Experience. Experience working with SQL, data files, and other report writers would be helpful.
Course Description:	This course is a hands-on class that teaches the students the fundamentals of designing and creating reports using BI Publisher 11g for P6R8.x. This course consists of over 25 student exercises which will help the students to understand and apply the powerful features in BI Publisher. By the end of the class, students will be able to design, create and publish BI Publisher reports from scratch.
Requirements:	Training is provided on your systems and will require you to install the following software components: BI Publisher for Oracle 11g, Primavera P6 EPPM P6R8 (need admin rights), SQL Developer, and WORD with BIP add-on.

### 1. Introduction

- Introduction to BIP
- Login and Navigating BIP
- BIP Administration Menu
- Data Model Editor
- Reports Layout Editor
- Report Jobs
- P6 Administrator/Application Settings
- P6 Administrator/Global Scheduled Services
- P6 Projects/Publishing Parameters
- Running BIP Reports from P6

### 2. Introduction to SQL

- Introduction to Databases
- Introduction to SQL Developer
- SQL Overview
- SQL Basics – SELECT, FROM
- WHERE and JOIN types
- SUM, GROUP BY, ORDER BY, calculations
- Other functions (TO\_CHAR, NVL)
- Accumulating Values
- Nested JOINS

### 3. Introduction to Px Tables/Synonyms

- Px Schema/ Extended Tables Overview
- Px Synonyms (P6Project, P6Activities, P6ActivityCodeAssignment, P6ActivitySpread, P6ProjectCodeType, P6ProjectCode, P6ProjectCodeAssignments, and other synonyms)
- Fields/Columns
- Linking Px Tables

### 4. BI Publisher Navigation

- Catalogs
- Copy/Paste
- Rename
- Cut/Paste
- Delete
- Download Files
- Upload Files

### 5. Intro to Data Model Editor

- Overview
- Properties
- Datasets
- Query Builder
- List of Values
- Parameters
- XML Sample Data

### 6. Introduction to Report Layout Editor

- Overview
- Creating a Report
- Report Editor
- Layout Editor
- Adding Layout Grids
- Text Item and Data Fields
- Data Tables
- Repeating Section
- Report Defaults
- Report Parameters

### 7. Advanced Data Model Editor

- Building Advanced Datasets
- Datasets for SCurves
- Other Data Sources (XML, EXCEL, etc.)

### 8. Advanced Report Layout Editor

- Changing Data Model
- Formulas
- More on Data Tables
- Charts
- S Curves
- Pivot Table, List, Gauge, Image

### 9. Introduction to Template Builder (Word Add-on)

- Exporting Templates
- Loading XML Data
- Adding Objects (Text Items, Data Tables, Charts)
- Object Properties
- Formulas
- Uploading Templates to BIP