

## Oracle Warehouse Builder 10g: Implementation Part II

**Duration:** 2 Days

### What you will learn

This 2-day course in Oracle Warehouse Builder provides students information to successfully implement new projects and extend existing projects to include OLAP (multi-dimensional) data models. Students learn to deliver on the knowledge requirements of their organization by encapsulating expertise. This is done in the form of a feature called Experts – empowering broader audiences to use OWB functionality to accomplish particular task flows, and also to help implement/enforce standards and best practices.

### Note:

The current version of this course is presented using OWB 10gR2, however this course is also suitable for OWB 11gR1 customers. The user interface differences between OWB 10gR2 and 11gR1 are very minor and hence are not included in this course's lab practices.

### Audience

Business Analysts  
Business Intelligence Developer  
Data Warehouse Administrator  
Data Warehouse Analyst  
Database Administrators

### Prerequisites

#### *Required Prerequisites*

Oracle Database 10g: Using OLAP

#### *Suggested Prerequisites*

Oracle Warehouse Builder 10g: Implementation Part 1  
Introduction to Business Intelligence Products-estudy  
Experience in basic use of Oracle RDBMS, including SQL DDL and DML, and PL/SQL  
Introduction to Oracle Warehouse Builder 10g Release 2 -ODE  
Hands-on experience on earlier version of Warehouse builder

### Course Objectives

Model multi-dimensional dimensions and cubes  
Populate the Oracle database analytic workspace by using OWB  
Build an Expert  
Manage multiple named configurations  
Debug your mappings using the Mapping Debugger  
Use OracleBI Spreadsheet Add-In Microsoft Excel to connect to your Oracle OLAP data source  
Use OWB Change Manager to take “snapshot” versions of metadata, compare them, and restore them if necessary

### Course Topics

#### **Understanding Oracle OLAP Concepts and Technology**

Benefits of using OLAP for end users and for information technology (IT) in general

Key advantages of Oracle OLAP

Main features of a dimensional model

Role of an analytic workspace in the Oracle database

### **OWB OLAP Modeling and Deployment**

Use additional dimension-modeling capabilities –Value-based, ragged-level, skip-level hierarchies

Design the multi-dimensional modeling

### **Using Spreadsheet Add-In to Query OLAP Data**

Use OracleBI Spreadsheet Add-In in Microsoft Excel

Connect to your Oracle OLAP data source

Create OLAP queries

Use Excel features on OLAP data

### **Managing OWB Life-Cycle Changes**

Use OWB Change Manager to take “snapshot” versions of metadata, compare them, and restore them if necessary

Use Metadata Dependency Manager to perform impact and lineage analysis

### **Using the Mapping Debugger**

Initialize a mapping debugging session

Prepare the testing environment and test data

Set breakpoints and watch points

Run a test mapping

Evaluate the flow of data to detect mapping errors

### **Managing the Warehouse Builder Environment**

Use OWB security management user interface

Manage deployment and loading in a variety of configurations

### **Creating Experts**

Explain the benefits of Warehouse Builder Experts for novice users

Use the Expert Editor to define an Expert