

## Oracle BI Applications 11g: Implementation using ODI New

**Duration:** 3 Days

### What you will learn

This Oracle BI Applications: Implementation Using ODI training provides step-by-step procedures for installing, configuring, managing, and customizing Oracle Business Intelligence Applications and Oracle Business Intelligence Warehouse. It begins by exploring Oracle BI Applications components and architecture.

### Learn To:

Identify and describe the products, architecture and key components of Oracle Business Intelligence Applications.

Use Configuration Manager and Functional Setup Manager to configure Oracle BI Applications.

Identify and describe the security features of Oracle Business Intelligence Applications.

Manage the performance of Oracle Business Intelligence Applications and Oracle Business Analytics Warehouse.

### Benefits to You

Enrolling in this course gives you the opportunity to view demonstrations of the installation steps and then perform post-installation set up of Oracle Business Intelligence Applications, Oracle Business Analytics Warehouse and Oracle Data Integrator. After the installation, expert Oracle University instructors will help you explore the prebuilt ETL metadata that ships with the products. This will help you gain an understanding of the ETL process and the relationships between the architecture components.

### Explore Oracle Business Intelligence Applications Configuration

After the initial exploration, you use Oracle Business Intelligence Applications Configuration Manager and Functional Setup Manager to configure Oracle Business Intelligence Applications. You then use Configuration Manager to create, generate, execute, and monitor load plans, which run the ODI ETL processes that move data from a transactional source system into the Oracle Business Intelligence Warehouse.

### Customize ODI ETL Metadata Objects

After the data is loaded, you'll learn how to use ODI Studio to customize ODI ETL metadata objects and the Oracle Business Intelligence Warehouse to accommodate new data for analysis. You will also develop the knowledge and skills to manage Oracle Business Intelligence Applications security and performance.

### Audience

Application Developers

Business Analysts

Business Intelligence Developer

Data Modelers

Data Warehouse Administrator

Data Warehouse Analyst  
Data Warehouse Developer  
Technical Consultant

## Related Training

### *Suggested Prerequisites*

Experience in Business Intelligence

Knowledge of Data warehouse design

Knowledge of Dimensional modeling

Knowledge of ETL

## Course Objectives

Identify and describe the extract, transform, and load (ETL) concepts, products, components, and processes related to Oracle Business Intelligence Applications

Identify and describe the products, architecture, and key components of Oracle Business Intelligence Applications

Identify and describe the content of Oracle Business Analytics Warehouse

Install and set up Oracle Business Intelligence Applications and supporting technology

Identify and describe the prebuilt Oracle Data Integrator ETL metadata for Oracle Business Intelligence Applications

Use Configuration Manager and Functional Setup Manager to configure Oracle BI Applications

Use Configuration Manager to create, generate, execute, and monitor load plans

Describe the concepts and techniques for customizing ETL functionality in Oracle Business Intelligence Applications

Use Oracle Data Integrator Studio to customize ETL metadata objects and the Oracle Business Intelligence Warehouse

Identify and describe the security features of Oracle Business Intelligence Applications

Manage the performance of Oracle Business Intelligence Applications and Oracle Business Analytics Warehouse

## Course Topics

### **Oracle Business Intelligence Applications Overview**

Oracle BI Applications components

Business areas supported in Oracle BI Applications

### **Oracle BI Applications Architecture**

Oracle BI Applications components overview

Oracle BI Applications architecture overview  
Oracle BI Applications product lifecycle overview

### **Oracle Business Analytics Warehouse Content**

Pre-built star schemas in Oracle Business Analytics Warehouse  
Oracle Business Analytics Warehouse naming conventions  
Overview of Oracle Business Analytics Warehouse tables  
System columns in Oracle Business Analytics Warehouse tables

### **Installing Oracle Business Intelligence Applications**

Preinstallation and deployment requirements  
Installing Oracle BI Applications prerequisites  
Installing Oracle BI Applications  
Performing post-installation system set up tasks

### **Understanding the ETL Process**

ETL phases and processing overview  
Using ODI Studio to explore prebuilt ETL metadata  
Full ETL and incremental ETL  
Change capture  
ETL versus ELT

### **Functional Configuration for Oracle BI Applications**

Functional configuration overview  
Terminology related to Oracle BI Applications configuration  
Configuration Manager overview  
Functional Setup Manager overview  
Creating an implementation project  
Assigning configuration tasks to developers

### **Administering and Maintaining Functional Configuration Data**

Functional configuration data overview  
Administering and maintaining domains and domain mappings  
Editing domain members  
Administering and maintaining data load parameters  
Administering and maintaining reporting parameters

### **Managing Load Plans**

Defining, generating, executing, and monitoring load plans  
Troubleshooting and restarting load plans  
Managing load plan parameters

### **Customizing the Oracle Business Analytics Warehouse**

Customization types and scenarios overview  
Overview of category1 and category 2 customizations  
Impact of patches on customizations  
Applying an update strategy

### **Building a Category 1 Customization**

Adding columns to existing tables in the OBAW  
Creating custom ETL mappings for a category 1 customization  
Enabling versioning for a category 1 customization

Generating DDL scripts for a category 1 customization  
Creating and executing a load plan for a category 1 customization

### **Building a Category 2 Customization**

Adding a new dimension table to the OBAW  
Creating custom ETL mappings for a category 2 customization  
Enabling versioning for a category 2 customization  
Generating DDL scripts for a category 2 customization  
Creating and executing a load plan for a category 2 customization

### **Oracle BI Applications Security**

Tools used to manage Oracle BI Applications security  
Oracle BI Applications security levels  
Exploring default security settings for Oracle BI Applications  
Exploring ODI security

### **Managing Performance**

Optimizing performance overview  
Performance tuning recommendations