

# Data Integration and ETL with Oracle Warehouse Builder Ed 2

**Course Duration: 40 Hours**

**Course Code: OWB-DIETL-ED2**

## 1. Course Overview

The *Data Integration and ETL with Oracle Warehouse Builder Ed 2* course provides a comprehensive understanding of how to design, deploy, and manage ETL solutions using Oracle Warehouse Builder (OWB). Participants will learn how to extract, transform, and load (ETL) data into Oracle databases, ensuring data accuracy, consistency, and integrity. This training covers real-world scenarios, enabling learners to build and maintain enterprise-level data integration systems effectively.

## 2. What You'll Learn?

- Fundamentals of Oracle Warehouse Builder architecture and features
- Designing and building ETL processes
- Configuring and managing metadata in OWB
- Implementing data transformations, mappings, and process flows
- Handling data cleansing and validation
- Managing deployments, security, and performance tuning
- Best practices for data integration and data warehouse implementation

## 3. Target Audience

This course is ideal for:

- Data Warehouse Developers

- ETL Developers and Database Administrators
- Business Intelligence (BI) Professionals
- Data Architects and Data Engineers
- Anyone responsible for building and managing data integration processes using Oracle technologies

## 4. Pre-Requisites

- Basic knowledge of SQL and PL/SQL
- Familiarity with Oracle Database concepts
- Understanding of data warehousing fundamentals is recommended

## 5. Course Content

**Module 1:** Introduction to Oracle Warehouse Builder

**Module 2:** Understanding OWB Architecture and Components

**Module 3:** Designing ETL Mappings and Data Flows

**Module 4:** Data Transformation and Cleansing Techniques

**Module 5:** Working with Metadata and Data Modeling

**Module 6:** Process Flows and Control Structures

**Module 7:** Deploying and Managing ETL Solutions

**Module 8:** Performance Tuning and Troubleshooting in OWB

**Module 9:** Security, Auditing, and Best Practices

**Module 10:** Hands-on Projects and Real-World Case Studies

