



EduConnHub

**Mastering Oracle Data
Integrator (ODI)
Comprehensive ETL and
Data Integration**

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Course Outline and Key Learning Outcomes

- **Unit 1: Introduction to Oracle Data Integrator (ODI)**
 - **Product Overview**
 - **ODI Product Architecture**
 - **Getting Started with ODI Studio**
 - **Key Concepts**
 - Demo: Oracle Data Integrator Introduction
- **Unit 2: Mastering Variables and Packages**
 - **Using Variables**
 - **Packages**
 - Demo: Mastering Variables and Packages
- **Unit 3: ODI Sources, Targets, and Knowledge Modules**
 - **Defining Schemas and Contexts**
 - **Reverse engineering metadata into ODI models**
 - **Working with Knowledge Modules (KMs)**
- **Unit 4: Working with Databases**
 - **Building ETL Mappings**
 - **Operational Monitoring**
 - Demo: ODI Sources, Targets, and Knowledge Modules & Working with Databases

Course Outline and Key Learning Outcomes

- **Unit 5: Working with Specific Databases**
 - **Using MySQL with ODI**
 - Demo 1: Using MySQL with ODI
 - **Working with Microsoft SQL Server**
 - Demo 2: Using MS SQL Server with ODI
- **Unit 6: Integrating File Data**
 - **Handling Flat Files**
 - Demo: Using Flat files with ODI
- **Unit 7: Creating Workflows – Packages and Load Plans**
 - **Mastering Workflows**
 - Demo: Using Workflows with ODI
- **Unit 8: ODI ETL with SCD table**
 - **Slowly Changing Dimension (SCD)**
 - Demo: Using SCD with ODI
- **Unit 9: Real time ETL with Change Data Capture (CDC) and Oracle GoldenGate (OGG)**
 - Demo: Using CDC & Oracle OGG with ODI

