LEARNOMATE TECHNOLOGIES

ORACLE

INTEGRATION CLOUD (OIC)

DETAILED SYLLABUS



Cloud is the future!

+91 9325408926, +91 9225093995

info@learnomate.org

About Learnomate

At Learnomate Technologies, we take pride in being one of the best software training institutes, offering a wide range of IT training programs and services that cater to learners across the globe. Our mission is simple: to empower aspiring IT professionals with the skills they need to excel in today's competitive tech world. With our global reputation, we are known for delivering high-quality training that transforms careers.

Our CEO, Ankush Thavali, is a renowned Oracle DBA expert, and his training programs are widely recognized for their depth, practicality, and success rates. Backed by a team of highly skilled trainers, we provide the best training material and an exceptionally supportive team to ensure a seamless learning journey for our students.

At Learnomate, we believe that financial constraints should never stop you from achieving your IT dreams. That's why we offer flexible payment options, including EMI and installment plans, making quality IT education accessible to everyone. Whether you're an aspiring professional or looking to upskill, our programs are designed to suit your needs and help you succeed.

Join us today and experience why thousands of students worldwide trust Learnomate Technologies to be their partner in IT growth. Let's build your future together!

WHAT WE OFFER IN THIS TRAINING?

Oracle Integration Cloud

Oracle Integration Cloud has the power to integrate your cloud and on-premises applications, automate business processes, gain insight into your business processes, and develop visual applications—all in one place.

What you'll learn

- Build wide range of Integrations in OIC
- Master Inbound, Outbound, Event Driven and Third-Party Complex Integrations in OIC.
- Build variety of VBCS apps using Complex Redwood Patterns and Templates
- Master building process automations using OCI Process Automation.
- Build multi-layer complex approval flows in OPA and call them from VBCS
- Build an END-TO-END PROJECT for REAL TIME CUSTOMER USE CASE using VBCS, OPA and ICS
- We will provide certification guidance and share list of sample questions
- We will give you best in class training and make you job & interview ready

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Module 1-Introduction to Oracle Integration Cloud

- Why do we need OIC?
- Integration Challenges
- What is OIC?
- Introduction to OIC Components - Integration, OPA, VBCS

Module 2- Integration Designer Options Overview in OIC

- Navigation Basics in OIC, Create Vs Import
- Integration Styles in OIC, Connections, and Packages
- Explain usage of Lookups and Agents
- Complete Integration Designer options overview

Module 3-SOAP Service Basic

- What are Web Services?
- SOAP Service Basics
- XSD, WSDL and XML
- Test Standard SOAP Service – ERP Integration Service

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Module 4-REST API Basics

- What are Web Services?
- REST API Vs SOAP
- HTTP Methods, Params
- URI and JSON Payloads
- Test Standard REST API – ERP Banks REST API

Module 5- Projects Creation in OIC

- Understand Projects creation in OIC
- Access Control in Projects
- Integration Styles available in Integrations

Module 6-Build First REST API in OIC – Application

- Build the API
- Enable Tracking on the API
- Activate the API
- Test the API & Monitor the request

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Module 7-Build First SOAP Service in OIC

- Build the SOAP Service
- Enable Tracking & Activate Service.
- Concrete vs Abstract WSDLs
- Test the SOAP Service & Monitor the request

Module 8-Build Complex File Transfer Service - File Transfer Style

- Understand FTP Adapter Capabilities
- Demo on PGP Encryption
- Build File Transfer Service to move files using FTP adapter
- Demo Basic and Advanced Scheduling Options
- Activate, Schedule, Test and Monitor the Integration runs

Module 9-Build Complex supplier Import Service

- Use Case – Import Suppliers in ERP Cloud using web services approach
- Build complex integration with App Driven Orchestration style
- Perform complex transformations in Integration
- Use Scope, Loops and Notifications in OIC
- Use Fault Handling Mechanism & Notifications
- Activate, Test and Monitor the Integration runs

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Module 10-Build Complex PO Invoice REST API

- Use Case – Build REST API with multiple Endpoints to Import Purchase Orders in ERP
- Expose GET endpoint to fetch Purchase Order Details from ERP Cloud
- Expose POST endpoint to create Purchase Orders in ERP Cloud
- Use DATA STITCH and GLOBAL variables to capture PO status

Module 11-FBDI Automation Service - Scheduled Orchestration Style

- Use Case – Automate the load of suppliers in ERP Cloud using FBDI approach
- Build FBDI automation integration using scheduled orchestration style
- Kick off bulk import in ERP Cloud to import data in cloud
- Build Callback Integration to feedback user and to download log/output files from ERP Cloud F,
- FBDI Stage File Options and extensive usage of ATP DB in FBDI

Module 12-Publish to OIC Service

- Build Publish to OIC Service which subscribes to SaaS business event
- Publishes message to OIC Events Streaming
- Activate, Test and Monitor the Publish to OIC Service

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Module 13-Subscribe to OIC Services

- Build Subscribe to OIC Services to subscribe to message in OIC Event Streaming
- Write file to FTP from 1 subscriber service and insert details into ATP.
- Activate, Test and Monitor the Integration runs

Module 14-SaaS to On Premise Service with Connectivity Agent

- Use Case – Item updates in ERP Cloud should be synced automatically to On Premise database
- Introduce Agent Group concept in OIC
- Establish connectivity between SaaS cloud and On Premise using an agent
- Build Integration to push item updates from ERP Cloud to On Premise database
- Activate, Test and Monitor the Integration runs

Module 15-HCM Data Loader Services

- Implement OIC Application will take data from source system for Job or Locataion
- Build intgeration to Transform that source data into format which HCM Fusion accepts
- Activate, Test and Monitor the Integration runs

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Module 16-Outbound Flow/Bulk Extraction from ERP Cloud

- Use Case – Set up Outbound Flow/Bulk Extraction from ERP Cloud to SFTP using BIP report
- Build Integration using App Driven orchestration style
- Kick off BIP report using External Report Service
- Decode the output and push it to SFTP

Module 17- Versioning and Cloning, Migration of Integrations using Packages & Projects

- Understand and use versioning in Integrations
- Understand and use cloning in OIC
- Use Packages to do bulk migration of Integrations
- Use Integration archive files to migrate 1 integration at a time

Module 18-Introduction to VBCS Redwood

- Introduction to VBCS Redwood Framework
- Understand in depth the redwood patterns and templates
- Understand the data sources available in VBCS
- Managing the life cycle of VBCS app

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Module 19-Introduction to VBCS Redwood Framework

- Introduction to VBCS Redwood Framework
- Understand in depth the redwood patterns and templates
- Understand the data sources available in VBCS
- Managing the life cycle of VBCS app

Module 20- Build HR Web Application

- Build HR Web Application using VBCS
- Load Business Objects using Excel and use them as data source
- Use Redwood Page Welcome and General Overview Templates
- Understand the building blocks of VBCS
- Activate and Test the VBCS app

Module 21-Build Complex Order Management App

- Build Supplier Management App Using Fusion REST API
- Implemenent CRUD Functionalities and pages in VBCS
- Activate and Test the VBCS app

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Module 22-Introduction to OPA

- Introduction to OCI OPA
- Understand OPA Components
- Understand and explore the seeded templates available in PCS

Module 23- Build First PCS application

- Build PCS app using Quick Start template
- Understand various options available in PCS app
- Activate, Test and Monitor the process runs
- PCS App Life Cycle Management
- Migration and Deployment of PCS App

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TRAINING HIGHLIGHTS

- Recording Access shared to students on Learnomate App
- Professional Resume building by Industrial working mentors
- Dedicated Support Team to solve issues [8 Am to 8 Pm]
- Placement assistance/Job requirement notification support/HR contacts
- Training Certificate: Receive a recognized certificate upon course completion
- LinkedIn, Naukri.com Profile: Enhance your online presence with professionally curated profiles.
- Interview Preparation, Mock Interviews: Nail your interviews with our tailored preparation and mock interview sessions
- Real-time Scenarios Explained: Learn through practical examples to master real-world applications.
- Doubt Sessions: Clarify your doubts through dedicated doubt-clearing sessions.

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CONTACT DETAILS

If you required any further information, please fill free to contact us.

Learnomate Technologies Pvt. Ltd

- **Main Branch:**

(Sai Luxuria, Office No 15, 3rd Floor,Bhumkar Chowk, Wakad, Pune, Maharashtra, 411057 India)

Call/WhatsApp: +91 9325408926, +91 9225093995

- **Kalewadi Branch.**

Office no.216, Solitaire business hub, 2nd floor, Kaspate Wasti, Wakad, Pune, Maharashtra 411057

Call/WhatsApp: +91 8983069523

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