

Master Informatica IICS Cloud Data Integration (CDI) Course Syllabus

<u>Introduction to IICS & CDI</u>	<u>Connections & Runtime Environment</u>
<ul style="list-style-type: none"> ● Overview of Informatica Intelligent Cloud Services (IICS) ● ETL & ELT Concepts ● IICS Architecture ● CDI Components and Services ● Secure Agent Installation 	<ul style="list-style-type: none"> ● Runtime Environments ● Creating Connections ● Oracle, SQL Server, Flat File Connections ● AWS S3 / Snowflake Connections ● Connection Management
<u>Cloud Data Integration Basics</u>	<u>Transformations in CDI</u>
<ul style="list-style-type: none"> ● Cloud Mapping Designer ● Source & Target Transformations ● Mapping Tasks ● Data Preview ● Field Mapping 	<ul style="list-style-type: none"> ● Expression Transformation ● Filter Transformation ● Lookup Transformation ● Joiner Transformation ● Router & Aggregator ● Union & Sequence Generator
<u>Tasks & Taskflows</u>	<u>Parameters & Variables</u>
<ul style="list-style-type: none"> ● Synchronization Task ● Mapping Task ● Replication Task ● Taskflows ● Scheduling & Monitoring 	<ul style="list-style-type: none"> ● Mapping Parameters ● Parameter Files ● Variables ● Dynamic Parameters
<u>Advanced Topics</u>	<u>Cloud Platforms Integration</u>
<ul style="list-style-type: none"> ● JSON & XML Processing ● REST API Integration ● Error Handling ● Performance Tuning ● Reusable Mapplets 	<ul style="list-style-type: none"> ● AWS Integration ● Snowflake Integration ● Azure & GCP Basics ● Salesforce Integration
<u>Real-Time Projects</u>	<u>Interview Preparation</u>
<ul style="list-style-type: none"> ● End-to-End ETL Project ● Data Migration Project ● Cloud Data Warehouse Project ● Real-Time Scenarios 	<ul style="list-style-type: none"> ● Scenario-Based Questions ● Resume Preparation ● Mock Interviews ● Certification Guidance

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