









# Informatica Certification Training

## About IntelliPaat


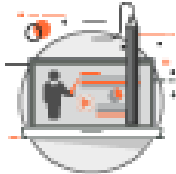
IntelliPaat is a fast-growing professional training provider that is offering training in over 150 most sought-after tools and technologies. We have a learner base of 600,000 in over 32 countries and growing. For job assistance and placement we have direct tie-ups with 80+ MNCs.

### Key Features of IntelliPaat Training:

 <p><b>Instructor Led Training</b></p> <p>42 Hrs of highly interactive instructor led training</p>	 <p><b>Self-Paced Training</b></p> <p>42 Hrs of Self-Paced sessions with Lifetime access</p>	 <p><b>Exercise and project work</b></p> <p>60 Hrs of real-time projects after every module</p>	 <p><b>Lifetime Access</b></p> <p>Lifetime access and free upgrade to latest version</p>
 <p><b>Support</b></p> <p>Lifetime 24*7 technical support and query resolution</p>	 <p><b>Get Certified</b></p> <p>Get global industry recognized certifications</p>	 <p><b>Job Assistance</b></p> <p>Job assistance through 80+ corporate tie-ups</p>	 <p><b>Flexi Scheduling</b></p> <p>Attend multiple batches for lifetime &amp; stay updated.</p>

## About the Course

This IntelliPaat Informatica certification training course lets learners grasp advanced skills like Informatica Installation, Configuration and Administration using PowerCenter. You will be able to test and monitor critical data processing using automated, scalable and auditable approach. Get trained in Workflow Informatica, data warehousing, Repository Management and other processes.

 <p><b>Instructor Led</b> Duration – 42 Hrs Weekend Batch –3 Hrs/Session</p>	 <p><b>Self Paced</b> Duration – 42 Hrs</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

# Informatica Certification Training

## Why take this Course?

Informatica is the market leader in the ETL segment. It can work on a wide variety of data sets, varying standards and multiple applications and systems. Thus it is rapidly being adopted by organizations around the world providing huge job opportunities for professionals with the right skills. These Informatica online classes will prepare you for passing Informatica certification.

- ❖ 71% enterprises to adopt hybrid or cloud-only analytics by 2018 – IDG Research Report
- ❖ Cloud-based BI is fastest growing BI segment; to reach \$2.94 billion by 2018 – Redwood Capital Report
- ❖ Informatica PowerCenter is the most widely adopted ETL Technology – Forrester Research.

## Course Content

Module /Topic	Hands-on exercises
<b>Data Warehousing and Cleansing Concepts</b> <ul style="list-style-type: none"> <li>❖ Introduction to data warehousing</li> <li>❖ What is ETL and overview of data cleansing, data scrubbing, data aggregation</li> <li>❖ Learn what is Informatica PowerCenter ETL</li> </ul>	
<b>Informatica Installation and Configuration</b> <ul style="list-style-type: none"> <li>❖ Overview of Informatica configuration</li> <li>❖ Integration Services</li> <li>❖ Installation of Informatica</li> <li>❖ Operational administration activities</li> </ul>	<ul style="list-style-type: none"> <li>❖ Install PowerCenter</li> </ul>
<b>Working with the active and passive transformation</b> <ul style="list-style-type: none"> <li>❖ Learn what is active and passive transformation and the differences between the two</li> </ul>	
<b>Working with expression transformation</b> <ul style="list-style-type: none"> <li>❖ Learning about expression transformation</li> <li>❖ Connected passive transformation to calculate the value on a single row</li> </ul>	<ul style="list-style-type: none"> <li>❖ Calculate value on a single row using connected passive transformation</li> </ul>
<b>Working with Sorter, Sequence Generator, Filter transformation</b> <ul style="list-style-type: none"> <li>❖ The different types of transformations like Sorter</li> <li>❖ Sequence Generator and Filter</li> <li>❖ The characteristics of each and where they are used</li> </ul>	<ul style="list-style-type: none"> <li>❖ Transform data using Filter technique</li> <li>❖ Use a sequence generator, Use a Sorter</li> </ul>

# Informatica Certification Training

<p><b>Working with Joiner Transformation</b></p> <ul style="list-style-type: none"> <li>❖ Joiner transformation to bring data from heterogeneous data sources</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use Joiner transformation to bring data from heterogeneous data sources</li> </ul>
<p><b>Working with Ranking and Union Transformation</b></p> <ul style="list-style-type: none"> <li>❖ Understanding the Ranking and Union transformation</li> <li>❖ The characteristics and deployment</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform Ranking and Union transformation</li> </ul>
<p><b>The syntax for Rank and Dense Rank</b></p> <ul style="list-style-type: none"> <li>❖ Learn about the rank and dense rank functions and the syntax for them</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform rank and dense rank functions</li> </ul>
<p><b>Router Transformation</b></p> <ul style="list-style-type: none"> <li>❖ Understanding how router transformation works and its key features</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform router transformation</li> </ul>
<p><b>Source Qualifier Transformation and Mappings</b></p> <ul style="list-style-type: none"> <li>❖ Lookup transformation</li> <li>❖ Overview and different types of lookup transformation: Connected, unconnected, Dynamic and Static</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform Lookup transformation: Connected, unconnected, Dynamic and Static</li> </ul>
<p><b>Slowly Changing Dimension in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ What is SCD?</li> <li>❖ Processing in XML</li> <li>❖ Learn how to handle flat file, list and define various transformations</li> <li>❖ Implementing 'for loop' in power center</li> <li>❖ Concepts of pushdown optimization and partitioning</li> <li>❖ What is constraint-based loading?</li> <li>❖ What is incremental aggregation?</li> </ul>	<ul style="list-style-type: none"> <li>❖ Load data from a flat file, Implement 'for loop' in power center, Use pushdown optimization and partitioning, Do constraint-based data loading, Use incremental aggregation technique to aggregate data</li> </ul>
<p><b>Mapplet and loading to multiple designers</b></p> <ul style="list-style-type: none"> <li>❖ Different types of the designer: Mapplet, Worklet, target load plan, loading to multiple targets, linking property</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create a mapplet and a worklet</li> <li>❖ Plan a target load, Load multiple targets</li> </ul>
<p><b>Performance Tuning in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ Objectives of performance tuning</li> <li>❖ Defining performance tuning</li> <li>❖ Learning the sequence for tuning</li> </ul>	<ul style="list-style-type: none"> <li>❖ Do performance tuning by following different techniques</li> </ul>

<p><b>Repository Manager</b></p> <ul style="list-style-type: none"> <li>❖ Managing repository</li> <li>❖ Repository manager – client tool</li> <li>❖ Functionalities of previous versions</li> <li>❖ Important tasks in repository manager</li> </ul>	<ul style="list-style-type: none"> <li>❖ Manage tasks in repository manager</li> </ul>
<p><b>Best Practices in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ Understanding and adopting best practices for managing repository</li> </ul>	
<p><b>Workflow Informatica</b></p> <ul style="list-style-type: none"> <li>❖ Common tasks in workflow manager</li> <li>❖ Creating dependencies</li> <li>❖ The scope of workflow monitor</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create a workflow with dependencies of nodes</li> </ul>
<p><b>Parameters and variables</b></p> <ul style="list-style-type: none"> <li>❖ Define variable and parameter in Informatica</li> <li>❖ Parameter files and their scope</li> <li>❖ The parameter of mapping, worklet and session parameter</li> <li>❖ Workflow and service variable, basic development errors</li> </ul>	<ul style="list-style-type: none"> <li>❖ Define variables and parameter in functions</li> <li>❖ Use parameter of mapping, Use work and session parameter, Use workflow and service variable</li> </ul>
<p><b>Error Handling and recovery in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ Session and workflow log, using debuggers</li> <li>❖ Error handling framework in Informatica</li> <li>❖ Failover and high availability</li> </ul>	<ul style="list-style-type: none"> <li>❖ Debug development errors</li> <li>❖ Read Workflow logs</li> <li>❖ Use Error handling framework</li> </ul>
<p><b>High Availability &amp; Failover in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ Configurations and mechanisms in recovery</li> <li>❖ Checking the health of PowerCenter environment</li> </ul>	<ul style="list-style-type: none"> <li>❖ Configure recovery options, Check the health of PowerCenter environment</li> </ul>
<p><b>Working with different utilities in Informatica</b></p> <ul style="list-style-type: none"> <li>❖ infacmd, pmrep, infasetup, processing of the flat file</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use commands infacmd, pmrep, infasetup</li> </ul>
<p><b>Flat file processing (advance transformations)</b></p> <ul style="list-style-type: none"> <li>❖ Fixed length and delimited</li> <li>❖ Expression transformations- sequence numbers, dynamic targeting using transaction control</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform expression transformations- sequence numbers, dynamic targeting using transaction control</li> </ul>
<p><b>Dynamic Targeting</b></p> <ul style="list-style-type: none"> <li>❖ Dynamic target with the use of transaction control, indirect loading</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use of transaction control with the dynamic target, indirect loading</li> </ul>
<p><b>Working with Java Transformations</b></p> <ul style="list-style-type: none"> <li>❖ Importance of Java transformations to extend Power Center capabilities, transforming data, active and assive mode</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use Java transformations to extend Power Center capabilities</li> </ul>

# Informatica Certification Training

<p><b>Unconnected Stored Procedure usage</b></p> <ul style="list-style-type: none"> <li>❖ Understanding unconnected stored procedure in Informatica</li> <li>❖ The different scenarios of unconnected stored procedure usage</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use unconnected stored procedure in Informatica in different scenarios</li> </ul>
<p><b>Advanced Concepts in SCD</b></p> <ul style="list-style-type: none"> <li>❖ Use of SQL transformation (active and passive)</li> </ul>	<ul style="list-style-type: none"> <li>❖ Use of SQL transformation (active and passive)</li> </ul>
<p><b>Incremental Data Loading and Aggregation</b></p> <ul style="list-style-type: none"> <li>❖ Understanding Incremental Loading and aggregation and comparison between them</li> </ul>	<ul style="list-style-type: none"> <li>❖ Do Incremental Loading and aggregation</li> </ul>
<p><b>Constraint-based loading</b></p> <ul style="list-style-type: none"> <li>❖ Working with database constraints using PowerCenter</li> <li>❖ Understanding constraint-based loading and target load order</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform constraint-based loading in a given order</li> </ul>
<p><b>XML Transformation and active look up</b></p> <ul style="list-style-type: none"> <li>❖ The various types of XML transformation in Informatica</li> <li>❖ Configuring a lookup as active</li> </ul>	<ul style="list-style-type: none"> <li>❖ Perform XML transformation, Configure a lookup as active</li> </ul>
<p><b>Profiling in PowerCenter</b></p> <ul style="list-style-type: none"> <li>❖ Understanding what is data profiling in Informatica</li> <li>❖ It's significance in validating content</li> <li>❖ Ensuring quality and structure of data as per business requirements</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create data profiling in Informatica and validate the content</li> </ul>
<p><b>Workflow Creation and Deletion</b></p> <ul style="list-style-type: none"> <li>❖ Understanding workflow as a group of instruction/command for integration services</li> <li>❖ Learning how to create and delete workflow in Informatica</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create and delete workflow in Informatica</li> </ul>
<p><b>Database Connection</b></p> <ul style="list-style-type: none"> <li>❖ Understanding the Database Connection</li> <li>❖ Creating a new database connection in Informatica</li> <li>❖ The various steps involved</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create a new database connection in Informatica</li> </ul>

# Informatica Certification Training

<p><b>Relational Database Tables</b></p> <ul style="list-style-type: none"> <li>❖ Working with relational database tables in Informatica</li> <li>❖ Mapping for loading data from flat files to relational database files</li> </ul>	<ul style="list-style-type: none"> <li>❖ Create a mapping for loading data from flat files to relational database files</li> </ul>
<p><b>LinkedIn Connection</b></p> <ul style="list-style-type: none"> <li>❖ Understanding how to deploy PowerCenter for seamless LinkedIn connectivity with Informatica PowerCenter</li> </ul>	<ul style="list-style-type: none"> <li>❖ Deploy PowerCenter for seamless LinkedIn connectivity with Informatica PowerCenter</li> </ul>
<p><b>Connection with Sources</b></p> <ul style="list-style-type: none"> <li>❖ Connecting Informatica PowerCenter with various data sources like Social media channels like Facebook, Twitter, etc.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Connect Informatica PowerCenter with various data sources like Social media channels like Facebook, Twitter, etc.</li> </ul>
<p><b>Pushdown Optimization and Partitioning</b></p> <ul style="list-style-type: none"> <li>❖ Push down optimization for load-balancing on the server for better performance</li> <li>❖ The various types of partitioning for optimizing performance</li> </ul>	<ul style="list-style-type: none"> <li>❖ Optimize using Push down technique for load-balancing on the server for better performance</li> <li>❖ Create various types of partitioning for optimizing performance</li> </ul>
<p><b>Cache Management</b></p> <ul style="list-style-type: none"> <li>❖ Understanding session cache</li> <li>❖ Importance of cache creation with</li> <li>❖ Implementing session cache, calculating cache requirement</li> </ul>	<ul style="list-style-type: none"> <li>❖ Implement cache creation with</li> <li>❖ Work with a session cache</li> </ul>

## Project Work

### Project 1: General Manager Insight – Dash Board

**Client:** Cisco

**Technology:** Teradata, Informatica, SQL

Cisco is the worldwide leader in networking that transforms how people connect, communicate and collaborate. The current portfolio of products and services is focused upon three market segments—Enterprise and Service Provider,

# Informatica Certification Training

Small Business and the Home. The solutions for each market are segmented into Architectures, which form the basis for how Cisco approaches each market

**Description:** GMI dashboard is graphical representation performance of various Cisco Business segments. The dashboard provides a pictorial representation of Summary and detailed data about various Subjects Areas in different dimensions such as Entity level, Product level, and Region level. Dashboard covers various measures of the business such as Bookings, Revenue, and Gross Margin; Product forecast which is used by managers at different hierarchies of the Cisco management.

## Project 2: Customer & Relationship Application

**Client:** Bank of America

**Environment:** Informatica

**About client (Bank of America):** Bank of America is a leading Bank in the United States of America, with its world headquarters located at Charlotte, North Carolina, USA. Bank of America provides financial products, services, ideas and solutions to customers across the United States and many countries around the globe. Now Bank is positioned as 2<sup>nd</sup> largest bank in the world and is a front-runner with its acquisitions of LaSalle, Countrywide and Merrill Lynch.

**Description:** Customer and relationship application is warehouse for Bank of America customer application systems. Data in C & RA will be used for business analysis and propose new business to the customer and also to households the customers.

Current project "Mass Affluent" is a new initiative by Bank Of America to identify high net worth customers, the information which is used by the downstream applications and marketing channels in order to cater new products and business to the customers to improve the business.

## Project 3: CRDW

**Client:** WellPoint

**Environment:** Informatica

**Description:** CRDW (Central Region Data Warehouse) have two types of sources of data. These are either the legacy data warehouses such as FAMIS, ACDB, and CMIS or the operational source systems such as MPRO, PHI Drug, FACETS and NASCO. The CRDW is sub-divided into different subject areas. These subject areas are primarily business aligned and each subject area is in turn populated from multiple sources. Data from these subject areas inside the CRDW is then loaded into multiple data marts and data extracts that are in turn accessed by the end users in the form of reports and queries. There is a wide variety of front-end tools that end-users use to access the data and these are based on Oracle, MS Access, Stars (a proprietary system), Business Objects, SQL, SAS, and Query man.

# Informatica Certification Training

## Project 4: Creating a sales data mart

**Problem Statement:** An FMCG company wants to have a consolidated data mart for its sales data which can be readily accessible

**Industry:** FMCG

**Description:** This project involves working with the FMCG sales data warehouse accumulated over multiple years and created a data mart that is easily accessible to various teams. You will learn the process of data cleansing, scrubbing, aggregation, transformation, etc. You will deploy repository manager for managing various users and groups.

### Highlights:

- ❖ Transforming source data with Informatica
- ❖ Creating a mapping for data transformation
- ❖ Administering repository with Repository Manager
- ❖ Informatica Integration & Reporting services.

## Project 5: Customer social media data integration

**Industry:** General

**Problem Statement:** An enterprise wants to know what its customers are saying about its product by monitoring the social media channels.

**Description:** In this project, you will learn to deploy the powerful data integration tool Informatica PowerCenter for social media posts. You will learn how to do data synchronization through the cloud, track social media accounts based on keywords, subject, author, and other parameters.

### Highlights:

- ❖ Loading social media data in Informatica
- ❖ Creating mappings for given data rules
- ❖ Loading extracted data for analysis
- ❖ Test the loaded data in the data warehouse.

## Intellipaat Job Assistance Program

Intellipaat is offering comprehensive job assistance to all the learners who have successfully completed the training. A learner will be considered to have successfully completed the training if he/she finishes all the exercises, case studies, projects and gets a minimum of 60% marks in the Intellipaat qualifying exam.



# Informatica Certification Training

Intellipaate has exclusive tie-ups with over 80 MNCs for placement. All the resumes of eligible candidates will be forwarded to the Intellipaate job assistance partners. Once there is a relevant opening in any of the companies, you will get a call directly for the job interview from that particular company.

## Frequently Asked Questions:

### Q 1. What is the criterion for availing the Intellipaate job assistance program?

Ans. All Intellipaate learners who have successfully completed the training post April 2017 are directly eligible for the Intellipaate job assistance program.

### Q 2. Which are the companies that I can get placed in?

Ans. We have exclusive tie-ups with MNCs like **Ericsson, Cisco, Cognizant, Sony, Mu Sigma, Saint-Gobain, Standard Chartered, TCS, Genpact, Hexaware**, and more. So you have the opportunity to get placed in these top global companies.

### Q 3. Does Intellipaate help learners to crack the job interviews?

Ans. Intellipaate has an exclusive section which includes the top interview questions asked in top MNCs for most of the technologies and tools for which we provide training. Other than that our support and technical team can also help you in this regard.

### Q 4. Do I need to have prior industry experience for getting an interview call?

Ans. There is no need to have any prior industry experience for getting an interview call. In fact, the successful completion of the Intellipaate certification training is equivalent to six months of industry experience. This is definitely an added advantage when you are attending an interview.

### Q 5. What is the job location that I will get?

Ans. Intellipaate will try to get you a job in your same location provided such a vacancy exists in that location.

### Q 6. Which is the domain that I will get placed in?

Ans. Depending on the Intellipaate certification training you have successfully completed, you will be placed in the same domain.

# Informatica Certification Training

**Q 7. Is there any fee for the IntelliPaat placement assistance?**

Ans. IntelliPaat does not charge any fees as part of the placement assistance program.

**Q 8. If I don't get a job in the first attempt, can I get another chance?**

Ans. Definitely, yes. Your resume will be in our database and we will circulate it to our MNC partners until you get a job. So there is no upper limit to the number of job interviews you can attend.

**Q 9. Does IntelliPaat guarantee a job through its job assistance program?**

Ans. IntelliPaat does not guarantee any job through the job assistance program. However, we will definitely offer you full assistance by circulating your resume among our affiliate partners.

**Q 10. What is the salary that I will be getting once I get the job?**

Ans. Your salary will be directly commensurate with your abilities and the prevailing industry standards.

## What makes us who we are?

---



*"I liked each and every video that came with the IntelliPaat Informatica certification training. The quality was the highest, there was full interactivity and real world examples to help the learner go on a self-paced learning path. Keep it up!"*

*-Prateek Sareen*

## Informatica Certification Training



*"Thank you Intellipaate for the wonderful Informatica training. I am completely satisfied with the training and was able to grab my dream job thanks to this wonderful Informatica certification training. Great."*

*-Ramyasri Mandepudi*



*"The 24/7 support with the Informatica training at Intellipaate is really something that works exceptionally well. As soon I registered my query they got it resolved in record time which surprised me positively. Keep up the good work Intellipaate."*

*-Narasimha Prasad*