

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>Instructor Led Training</p> <p>16 Hrs of highly interactive instructor led training</p>	 <p>Self-Paced Training</p> <p>16 Hrs of Self-Paced sessions with Lifetime access</p>	 <p>Exercise and project work</p> <p>32 Hrs of real-time projects after every module</p>	 <p>Lifetime Access</p> <p>Lifetime access and free upgrade to latest version</p>
 <p>Support</p> <p>Lifetime 24*7 technical support and query resolution</p>	 <p>Get Certified</p> <p>Get global industry recognized certifications</p>	 <p>Job Assistance</p> <p>Job assistance through 80+ corporate tie-ups</p>	 <p>Flexi Scheduling</p> <p>Attend multiple batches for lifetime & stay updated.</p>

About the Course

This is a detailed SQL Server DBA Training Course from IntelliPaat that will help you understand all about database administration and become a Database Administrator. You will get a clear understanding about installation, functioning, and authentication types in SQL servers. This Course also covers managing, maintaining and securing of databases, and automation of SQL Server.

 <p>Instructor Led</p> <p>Duration – 16 Hrs</p> <p>Weekend Batch –3 Hrs/Session</p>	 <p>Self Paced</p> <p>Duration- 16 Hrs</p>
---	--

Why take this Course?

The MS-SQL is one of the most important database servers while working with large databases. This IntelliPaat Microsoft SQL Server DBA Certification online classroom training Course provides you with the right set of skills to become a Database Administrator the demand for which is rising around the world. The SQL programming training provided can help you get the best jobs in the SQL server database domain after completion of the Professional SQL Administrator Certification.

- ❖ Most companies estimate they're analyzing a mere 12% of the data they have – Forrester Research
- ❖ Global Business Intelligence and Analytics Market to Reach \$16.9 Billion in 2016 - Gartner
- ❖ An SQL database administrator in the United States can earn \$91,000 – indeed.com

Course Content

Module /Topic	Hands-on exercises
<p>Starting with SQL Server</p> <ul style="list-style-type: none"> ❖ Responsibilities of Database Administrator, Types of DBAs, History of SQL Server, Editions of SQL Server ❖ Tools of SQL Server ❖ Differences between Standard and Enterprise editions ❖ Instances types in SQL Server ❖ Default Instance, Named Instance, SQL Server Services ❖ Instance aware services, Instance unaware services 	
<p>Installing SQL Server</p> <ul style="list-style-type: none"> ❖ Pre-requisites, Installation of Server ❖ Post Installation configuration and verification 	<ul style="list-style-type: none"> ❖ Install SQL Server on Linux, Install SQL Server on Windows, Configure the Server and verify that it is up and running
<p>Functioning of Database</p> <ul style="list-style-type: none"> ❖ Describe Database, Types of Database and Brief explanation ❖ System Databases, User Database, SQL Server ❖ Database Architecture, Pages, Extents, File groups ❖ Transaction Architecture, Creating Database 	<ul style="list-style-type: none"> ❖ Create a database schema in SQL Server ❖ Create a table to store details of a student personal information ❖ Add dummy data to the table

<ul style="list-style-type: none"> ❖ Modifying Database, Adding Files ❖ Moving and renaming of Database files ❖ Database modes ❖ Real-time Scenario 	<ul style="list-style-type: none"> ❖ Move database file to another location, Rename database file
<p>Importing and Exporting Data</p> <ul style="list-style-type: none"> ❖ What is Import and Export of table data? ❖ Copy or Move a database ❖ Tools and Techniques for data transfer 	<ul style="list-style-type: none"> ❖ Import a table from a saved database file in the workspace ❖ Export data from workspace to save in a database file
<p>Security</p> <ul style="list-style-type: none"> ❖ Authentication Types in SQL Server ❖ Types of Login, Windows Login, SQL Login ❖ Creating Users and Logins, Server roles, Password policy ❖ Understanding Database and Server Roles, Permissions ❖ Working on access level issues ❖ Orphan users Finding and Fixing 	<ul style="list-style-type: none"> ❖ Use SQL Server Management Studio, Create a login, Create database users, Assign different roles (owner, reader, accessadmin, securityadmin, denydatawriter, denydatareader) ❖ Provide permission level and access level, Create an orphan user, Find the orphan user
<p>Database Backups</p> <ul style="list-style-type: none"> ❖ Database Backups ❖ Why we need backups? ❖ Types of Backup, Full Backup, Differential Backup, Transaction Log Backup, Copy-only, Mirrored, Split and Tail log Backups ❖ Differences between backups, Backup Strategy ❖ Understanding how the data moving from Log to Data File, CHECKPOINT ❖ Monitoring the space usage of Log File and fixing ❖ Checking the backup files VALID or CORRUPTED, Backup storage tables 	<ul style="list-style-type: none"> ❖ Perform database backup, Check transaction log backup ❖ Monitor space usage of Log files, Use backup storage table
<p>Recovery and Restoration of Database</p> <ul style="list-style-type: none"> ❖ Types of Recovery Models, Full, Bulk-Logged, Simple ❖ Differences between Recovery Models ❖ Setting Recovery Models according to the Scenarios 	<ul style="list-style-type: none"> ❖ Set a recovery model, Perform point-in-time recovery, Perform restoration from the last saved state

<p>with examples</p> <ul style="list-style-type: none"> ❖ Performing Restorations, Types of Restoration, Attach and Detach, Shrinking files, Point-in-Time Recovery 	
<p>Monitoring SQL Server 2014</p> <ul style="list-style-type: none"> ❖ What is monitoring SQL server ❖ Dynamic Management Views (DMV), Dynamic Management Functions (DMF) ❖ Performance Monitor, Activity Monitor ❖ Configure database mails, alerts, and notification 	<ul style="list-style-type: none"> ❖ Create a DMV, Write Functions to monitor SQL server activity dynamically ❖ Configure mails, alerts, and notification, Generate alerts and notification, Send an email
<p>Tracing SQL Server Activity</p> <ul style="list-style-type: none"> ❖ SQL Server Profiler, SQL Trace stored procedures ❖ Using Traces, Optimize SQL Server workloads 	<ul style="list-style-type: none"> ❖ Use SQL server profiler, Create trace stored procedures and run them Optimize workloads of server
<p>Auditing data access and Encrypting Data</p> <ul style="list-style-type: none"> ❖ SQL server audit feature, Implement audit ❖ Audit data access, Implement encryption 	<ul style="list-style-type: none"> ❖ Implement audit, Audit data access, Implement encryption
<p>Database Maintenance</p> <ul style="list-style-type: none"> ❖ Common database maintenance tasks, Ensuring database integrity, Maintaining Indexes, Automating common tasks 	<ul style="list-style-type: none"> ❖ Create an index on the table column, Update index after inserting new records
<p>Automating SQL Server 2014 Management</p> <ul style="list-style-type: none"> ❖ Implementing and Managing SQL Server Agent Jobs ❖ Managing job on multiple servers 	<ul style="list-style-type: none"> ❖ Implement Server Agent Jobs Manage Jobs on same server

Project Work

Project 1: SQL Server Audit

Industry: General

Problem Statement: How to track and log events happening on the database engine

Topics: This project is involved with implementing an SQL Server audit that includes creating of the TestDB database, triggering audit events from tables, altering audit, checking, filtering, etc. You will learn to audit an SQL Server instance by tracking and logging the events on the system. You will work with SQL Server Management; learn about database level and Server level auditing.

Highlight:

- ❖ SQL Server Management Studio
- ❖ Expanding SQL Server Log Folder
- ❖ Database & Server audit specification.

Project 2: Managing SQL Server for a high tech company

Industry: Information Technology

Problem Statement: An IT company wants to manage its MS SQL Server database and gain valuable insights from it.

Description: In this project, you will be administrating the MS SQL Server database. You will learn about the complete architecture of MS SQL Server. You will be familiarized with the enterprise edition of SQL Server, various tools of SQL Server, creating and modifying databases in real-time.

Highlights:

- ❖ Create database schema in SQL Server
- ❖ Adding, removing, moving database files
- ❖ Database backup and recovery

Intellipaate Job Assistance Program

Intellipaate 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 Intellipaate qualifying exam.

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 IntelliPaat job assistance program?

Ans. All IntelliPaat learners who have successfully completed the training post in April 2017 are directly eligible for the IntelliPaat 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 IntelliPaat help learners to crack the job interviews?

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

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?



"Very informative course, very well-produced content. Enjoyable and well segmented."

-Anjali Srivastava



"Thanks for providing this awesome course. Clear explanations, good examples, good coverage..."

-David Juvan