

## 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>16 Hrs of highly interactive instructor led training</p>	 <p><b>Self-Paced Training</b></p> <p>16 Hrs of Self-Paced sessions with Lifetime access</p>	 <p><b>Exercise and project work</b></p> <p>32 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 Microsoft SQL training course is an online in class training for Microsoft SQL Server and is meant for developers to help them master the descriptive learning language on database concepts for working for relational databases. The important topics included in this course are SQL introduction, relational databases, queries, Subqueries, joins and unions. You will gain considerable proficiency in the theory of optimization, indexing, transactions, database administration, installation of SQL server and clustering.

 <p><b>Instructor Led</b> Duration – 16 Hrs Weekend Batch –3 Hrs/Session</p>	 <p><b>Self Paced</b> Duration – 16 Hrs</p>
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## Why take this Course?

The SQL is one of the most important programming languages for working on large sets of databases. Thanks to the Big Data explosion today the amount of data that enterprises have to deal with is humongous. This creates a huge demand for SQL Developers who can parse all that Big Data and convert it into business insights. Taking this instructor-led Microsoft SQL Server Training Course and the ensuing Microsoft SQL Server Certification Exam can give a boost to your career. Oracle is the market leader in the relational database with a 48.35% market share – Gartner

- ❖ 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 Developer in the United States can earn \$92,000 – indeed.com

## Course Content

Module /Topic
<b>Introduction to SQL</b> <ul style="list-style-type: none"><li>❖ The various types of databases</li><li>❖ Introduction to Structured Query Language, the distinction between client-server and file server databases</li><li>❖ Understanding SQL Server Management Studio, SQL Table basics, data types, and functions, Transaction-SQL</li><li>❖ Authentication for Windows, Data control language</li><li>❖ Identification and Keywords in T-SQL, Drop Table</li></ul>
<b>SQL Operators</b> <ul style="list-style-type: none"><li>❖ Introduction to relational databases</li><li>❖ Basic concepts of relational table</li><li>❖ Working with rows and columns, various operators used like logical and relational, domains, constraints, stored procedures, indexes</li><li>❖ Primary key and foreign key</li><li>❖ Understanding group functions, unique key</li></ul>
<b>Working With SQL –Join, Tables, Variables</b> <ul style="list-style-type: none"><li>❖ Deep dive into SQL Tables</li><li>❖ Working with SQL functions, operators, and queries</li></ul>

- ❖ Creation of tables, retrieving data from tables, combining rows from tables using Inner, Outer, Cross, and Self Joins
- ❖ Deploying Operators like Union, Intersect, Except
- ❖ Creation of Temporary Table, Set Operator rules
- ❖ Working with Table variables

## Deep Dive into SQL Functions

- ❖ Understanding what SQL functions do, aggregate functions, scalar functions
- ❖ Functions that work on different data sets like numbers, characters & strings, dates
- ❖ Learning Inline SQL functions
- ❖ General functions and duplicate functions

## Working with SubQueries

- ❖ Understanding of SQL Subqueries, rules of Subqueries
- ❖ The statements and operators with which Subqueries can be used
- ❖ Modification of subqueries using a set clause
- ❖ Understanding the different types of Subqueries – Where, Insert, Update, Select, Delete, etc.,
- ❖ Ways to create and view Subqueries

## SQL Views, Functions, Stored Procedures

- ❖ Learning about SQL Views
- ❖ Ways of creating, using, altering, dropping, renaming and modifying Views
- ❖ Understanding Stored Procedures
- ❖ Key benefits of it, working with Stored Procedures, error handling, studying user-defined functions

## Deep Dive into User-defined Functions

- ❖ Detailed study of user-defined functions
- ❖ Various types of UDFs like Scalar
- ❖ Inline Table-Value, multi-statement Table
- ❖ What are Stored Procedures?
- ❖ When to deploy Stored Procedures?
- ❖ What is Rank Function and Triggers?
- ❖ When to execute Triggers?

## SQL Optimization and Performance

- ❖ Detailed understanding of SQL Server Management Studio
- ❖ Learning what is Pivot in Excel and SQL Server, XL path
- ❖ Differentiating between Char, Varchar, and NVarchar, working with Indexed
- ❖ Creation of Index, advantages, records grouping, searching, sorting, modifying data
- ❖ Creation of clustered indexes
- ❖ Using the index to cover queries, index guidelines, and Common Table Expression.

## Project Work

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**Project:** Writing complex Sub Queries

**Industry:** General

**Problem Statement:** How to create subqueries using SQL

**Topics:** This project will give you hands-on experience in working with SQL sub-queries and utilizing it in various scenarios. Some of the sub-queries that you will be working with and gain hands-on experiences in are – IN or NOT IN, ANY or ALL, EXISTS or NOT EXISTS, and other major queries.

**Highlight:**

- ❖ Accessing and manipulating databases
- ❖ Operators & Control Statements in SQL
- ❖ Executing queries in SQL against databases.

**Project 2:** Querying SQL Server in an e-commerce enterprise

**Industry:** E-commerce

**Problem Statement:** Simplifying the process of data extraction, update and modifying within an enterprise SQL Server of an e-commerce company.

**Description:** In this project, you will deploy the various SQL queries for communicating with an MS SQL Server database. You will work on writing DDL; DML queries to get the task done that you are seeking or some additional actions that you need to perform.

**Highlights:**

- ❖ Working with SQL Server management studio
- ❖ Transact-SQL to add additional features to SQL
- ❖ Table Variables & Joins.

**Project 3:** Communicating with cloud database

**Industry:** General

**Problem Statement:** This project involves working with the MS SQL Server database deployed in the cloud. As part of the project, you will learn the distinction between client-server and file server databases, creating and updating database tables, using Primary Key & Foreign Key for linking two tables.

**Highlights:**

- ❖ Data retrieval in SQL Server database
- ❖ Performing an additional action in SQL Server
- ❖ Joining, inserting & updating tables

## 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.

Intellipaat has exclusive tie-ups with over 80 MNCs for placement. All the resumes of eligible candidates will be forwarded to the Intellipaat 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 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?

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*"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*