



A.S. Technologies

SQL SERVER

The SQL Server Development course is designed to teach participants how to Create a SQL Query and Executes it , Create database and manage databases using Microsoft SQL Server, a Create powerful relational database. This course covers both fundamental and advanced concepts, preparing students to work with real-world database applications in enterprise environments.

COURSE OVERVIEW

A.S. Technologies Offers 3 Months Intensive Program For Beginners As Well As Professionals...

FUTURE OF SQL DEVELOPMENT

After Completing This Course You will Become a SQL Server Developer,Team Leader in Software Company

WHO CAN DO

- IT Students
- Job Seekers

OUR FEATURES

- Fully practical training
- latest Marketing Trends
- cost-effective and scalable
- Installment facility
- 100% job Assistance



TOPICS COVERED IN SQL SERVER

Sr. No.	Topic	Short Description
1	Introduction to SQL Server	<ul style="list-style-type: none">• Overview of SQL Server• features, editions, tools, and its role as a relational database management system
2	SQL Server Architecture & Database Design	Covers the internal architecture, components, and principles of effective database design including normalization and relationships.
3	SQL Server Basic Queries (T-SQL Fundamentals)	Introduces Transact-SQL syntax to retrieve, filter, sort, and format data from databases using SELECT statements.
4	Working with SQL Server Tables	Focuses on creating, altering, and managing tables, data types, constraints, and schema design.
5	SQL Server Data Manipulation (DML)	Teaches how to insert, update, and delete data using INSERT, UPDATE, and DELETE statements.
6	SQL Server Joins & Subqueries	Explains combining data from multiple tables using various joins (INNER, LEFT, RIGHT, FULL) and using nested queries.

Sr. No.	Topic	Short Description
7	Advanced SQL Server Queries & Functions	Covers advanced querying techniques like CTEs, UNION, CASE, and built-in scalar and aggregate functions.
8	SQL Server Stored Procedures & Functions	Introduces creating and using stored procedures and user-defined functions for encapsulating business logic.
9	SQL Server Triggers & Events	Discusses using triggers to automate responses to data changes and implement business rules at the database level.
10	SQL Server Indexing & Performance Optimization	Teaches indexing strategies, query optimization, execution plans, and performance tuning techniques
11	SQL Server Security & Access Control	Explores authentication, roles, permissions, encryption, and other security mechanisms in SQL Server.
12	SQL Server Backup & Recovery	Covers strategies for database backup, restore operations, recovery models, and disaster preparedness.
13	SQL Server High Availability & Disaster Recovery	Introduces features like AlwaysOn Availability Groups, Log Shipping, and Failover Clustering for ensuring uptime and resilience.

Sr. No.	Topic	Short Description
14	SQL Server Integration Services (SSIS)	Explains how to design ETL (Extract, Transform, Load) processes for data migration and integration using SSIS.
15	SQL Server Reporting Services (SSRS)	Covers designing, deploying, and managing reports and dashboards for business intelligence using SSRS
16	SQL Server Analysis Services (SSAS)	Introduces OLAP and data modeling with SSAS to support advanced analytics and multidimensional reporting.
17	Resume Building	Creating Resume Portfolio Building
18	Interview Preparation	Interview Question
19	mok Interview	Face to Face interview