



Microsoft®  
**SQL Server®**

UpSkillSoft is a leading e-learning platform providing live instructor-led interactive online training. We cater to professionals and students across the globe in categories like Data Visualization and Cloud Computing , Business Analytics, NoSQL Databases, Mobile Technologies and Programming. We have an easy and affordable learning solution that is accessible to millions of learners. With our students spread across countries like the US, India, UK, Canada, Singapore, Australia, Middle East, Brazil and many others, we have built a community of over 1 million learners across the globe.

Courses : AWS , Tableau, Power BI , MSBI (SSRS,SSIS,SSAS),SQL,Azure

*Online Training - By Anand*

## SQL INTRODUCTION

### About Course

This SQL course gives you all of the information you need to successfully start working with SQL databases and make use of the database in your applications. Learn how to correctly structure your database, author efficient SQL statements, and clauses, and manage your SQL database for scalable growth.

This online SQL course is ideal for freshers, programmers, software developers, and testing professionals who want to learn SQL. It's also ideal for marketing professionals and salespeople who want to better understand their company's data. Gives idea about writing Queries & Sub-queries, working with Joins, etc. As well as database management skills like backup, restore, etc.

The role of a SQL is to turn raw data into actionable insights. Much of the world's raw data—from electronic medical records to customer transaction histories—lives in organized collections of tables called relational databases. To be an effective developer, you must know how to wrangle and extract data from these databases using a language called SQL. This course teaches syntax in SQL Server shared by many types of databases, such as PostgreSQL, MySQL, SQL Server, and Oracle. This course teaches you everything you need to know to begin working with databases today!

### What will Participants Learn?

This Course is designed to help you become a successful Data / business analyst. During this course, our expert instructors will train you to

- Querying data with the SELECT statement
- Filtering data with the WHERE clause
- Inserting, updating, and deleting data
- Combining data with JOINS
- Aggregating data

## Who should take this training?

Database is not only important for storing the data in proper order. Beside this there is also numbers of application where it pays the big roles to perform efficiently Professionals.

- Business Analysts
- Data Analysts
- Project Managers
- Data Scientists
- Statisticians and Analysts
- Business Intelligence Managers
- Graduates

## How will SQL Training help your career?

Today we cannot imagine our life, our business without proper database. We always like to analysis data and get report from data so that they can manage their life and their organization in proper order. That means that there is highly demand of database.

## What are the pre-requisites for this course?

- No Pre-requisites

## Program Features:

- Live Online learning
- Hands-On
- Certified Trainers
- Flexible Batch Timings
- Live Session Recordings after class complete
- Learn From industry Experts

## Delivery Mode:

- Online learning
- One to One discussion

## Database - SQL Server

- Introduction to SQL
- Why Use SQL? Excel vs SQL
- Overview of Database
- SQL Server Installation
- Download SQL Server Management Studio
- Download the sample database
- Creating a Database
- Restoring a Database
- Drop Database
- Working with Tables, Constraints, Identity Column
- Insert & Update Tables
- SELECT & FROM ,WHERE
- Advance Filter Operators -IN,Like,NULL
- LIMIT and ORDER BY
- Primary Key and Foreign Key
- Introduction to JOIN
- Different Type of Joins
- UNION
- Alias
- Aggregation and Grouping
- GroupBy, Having
- Count,SUM,AVG,MAX,MIN,
- Introduction to Subqueries
- Case
- Data Cleaning Overview

## Introduction to Data warehousing

- Introduction to Data Warehousing
- What is ETL
- Fact Table
- Dimension Table
- Compare Facts, Fact Tables, Dimensions, and Dimension Tables
- Star Schema
- Snowflake Schema
- Compare a Star Schema to a Snowflake Schema

## Introduction to Data Modeling

- Data Modeling and Relational Database Design