



Structured Query Language (SQL)

Introduction

This course provides a comprehensive introduction to the language of relational databases: To work on any database management system you are required to learn the structured query language or SQL. Therefore, it is better to first learn the language and then understand the fundamentals of the RDBMS.

Methodology

The programme consists of a mix of lectures, presentations demonstrations & hands-on practice.

Duration & Timing

Part Time: 1 Month

(Monday-Friday , 1 hr/per day)

Mode of Training: Online



Course Content

Week-I

- 1 Introduction to SQL Server
- 2 Install Management Studio
- 3 What is Database?
- 4 CREATE/USE/DROP Database & Table
- 5 **Weekly Test**

Week-II

- 6 SQL Queries Select/Insert/Update/Delete
- 7 SQL Clause Distinct,Group By,Order By,Having
- 8 SQL Functions-Basic
- 9 String Functions,Date Function
- 10 **Weekly Test**



WEEK-III

- 11 Apply Conditions & Operatores
- 12 Datatypes
- 13 What is Relational Model?
- 14 Aliases,Autoincrement
- 15 **Weekly Test**

WEEK-IV

- 16 SQL Server Keys & Constraints
- 17 Subqueries
- 18 SQL Server Joins
- 19 CREATE/DROP/ALTER View
- 20 **Final Assessment**