

SQL SERVER

Module 1: - Introduction to Basic Database Concepts

- 1.1 What is Data, Field, Record and database?
- 1.2 Limitations of File Management System.
- 1.3 Basic Concepts of Advantages of DBMS.

Module 2: Introduction to SQL Server

- 2.1 What is SQL Server Version history and different editions
- 2.2 Basic Features Components and Tools
- 2.3 Starting and Stopping SQL Server Instances / Services
- 2.4 Introduction to Management Studio
- 2.5 Types of System Databases in SQL

Module 3: Introduction to SQL

- 3.1 Basics of SQL Types of SQL Statements
- 3.2 DDL, DML, DQL, DCL and TCL
- 3.3 Create Database using Management Studio
- 3.4 Datatypes in SQL Server
- 3.5 Exploring DDL Statements on Table using Management Studio

Module 4: DDL and DML Statements

- 4.1 Why write statements in Frontends?
- 4.2 Create, Alter and Drop Table Insert
- 4.3 Update and Delete Statement Truncate Statement

Module 5: Working with Queries (DQL)

- 5.1 Understanding Select Statement
- 5.2 Usage of Top, Distinct, Null etc...keywords
- 5.3 Using String and Arithmetic Expressions
- 5.4 Exploring Where Clause with Operators
- 5.5 Working with basic of Sub Queries

Module 6: Aggregate Functions

- 6.1 Using functions in Queries
- 6.2 Count, Sum, Min, Max, Avg Group By and Having Clause

Module 7: Joins and Set Operations

- 7.1 Introduction to Joins Cross Joins
- 7.2 Inner Join
- 7.3 Outer Join
- 7.4 Self Join
- 7.5 Co-related Sub Queries

Our Courses

Java Full Stack, Dotnet Full Stack, Python Full Stack, Data Science (AI & ML), Front End – Angular, Front End – React, Testing, Tools – QA, Digital Marketing, Tally, MS Office, C & DS, Java, Advanced Java, Azure Devops, UI Technologies

Module 8: Working with Constraints

- 8.1 Unique
- 8.2 Not NULL
- 8.3 Primary Key
- 8.4 Default Check Foreign Key

Module 9: Working with Stored Procedures and Functions

- 9.1 Introduction to stored procedures
- 9.2 Benefits of Stored Procedures
- 9.3 Creating, Executing Modifying, Dropping
- 9.4 System defined SP's and Functions
- 9.5 User defined Functions

SSSIT

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