€TRAINING

Advanced Microsoft SQL

25 November -
6 December 2024
Kuala Lumpur (Malaysia)

Advanced Microsoft SQL

Introduction

Microsoft SQL Server is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications which may run either on the same computer or on another computer across a network.

Course Objectives

At the end of this course the participants will be able to:

- Explain MS SQL storage engines

- Explain database transactions

- Obtain database metadata

- Describe MS SQL GUI tools

- Monitor database performance

- Perform database backup and recovery

- Export and import database data

- Describe the features and benefits of MS SQL

- Explain the basics of relational databases

- Design an effective database

- Build a database and tables by using SQL Modify or delete database entities

- Join data from multiple tables

- Use built-in MS SQL functions

Targeted Audience

- Team leaders seeking professional development in MS SQL
- IT Team Leader.
- MS SQL developer
- IT manager
- IT department managers.
- Project managers.
- Systems designers.

Course Outline

Unit 1:

- Basic SELECT Statement Practice Problems

- Microsoft SQL Server and T-SQL Microsoft SQL variant language

- Differences between MS SQL and Python

Unit 2:

- Structured Query Language SQL

- Nested Queries in MS SQL

- Operation Vs Nested query in DBMS

Unit 3:

- Database Objects in DBMS

- Nested Queries in MS SQL

- Indexing in Databases

- SQL elevator pitch technical message.

Unit 4:

- MS SQL Server Keys, Constraints, and Indexes

- MS SQL Server Database Administration

- SQL Server Programming

Unit 5:

- Auditing the execution of Code Template Mappings

- SQL Server Comparison Operators

- SQL Server Joins

Unit 6:

- SSMS and MySQL Workbench

- Creating SQL loader mappings to Extract Data from Flat Files.

- Creating SAP extraction mappings

Unit 7:

- Retrieving data from the SAP System

- Creating Code Template CT mappings

- Setting options for Code Templates in Code Template Mappings