

SQL

COURSE CONTENT

- ✦ **Basic DBMS Overview**
- ✦ **RDBMS**
- ✦ **ER Diagram Basics**
- ✦ **ER Diagram Advance**
- ✦ **Functional Dependency**
- ✦ **Normalization up to 3NF**
- ✦ **SQL Overview**
- ✦ **Basic Joins**
- ✦ **Advance Joins**
- ✦ **SQL Constraints Basics**
- ✦ **Primary key & Unique key and practical use constraint.**
- ✦ **Creation of Table and Union and Union All.**
- ✦ **SQL queries and use of Group by.**
- ✦ **Stored Procedures**
- ✦ **Stored Procedures advance level.**
- ✦ **Temporary Tables. Local nad Global temporary Tables.**
- ✦ **Derived tables, Table variable, Common Table Expression**



- ✚ **Recursive Common Table Expression.**
- ✚ **Views Overview**
- ✚ **Updateable Views. and Indexed View.**
- ✚ **Triggers overview.**
- ✚ **After Trigger & Instead of Trigger.**
- ✚ **Error Handling in SQL Server**
- ✚ **Transaction in SQL Server.**
- ✚ **Functions, Scalar Function & table valued Function.**
- ✚ **Pivot table.**
- ✚ **Sub queries and Correlated Sub queries.**
- ✚ **Index overview**
- ✚ **Clustered & Non Clustered Index ,Unique & Non-unique index.**

