



SQL & Relational Databases



Course Contents

- **Module 1 : SQL & Relational Databases**
 - Introduction
 - Information and Data Models
 - Types of Relationships
 - Mapping Entities to tables
 - Lab
- **Module 2 : Relational Model Constraints & Data Objects**
 - Introduction
 - Advanced



Course Contents

- **Module 3 : Data Definition Language(DDL) & Data Manipulation Language (DML)**
 - CREATE TABLE statement
 - INSERT statement
 - SELECT statement
 - UPDATE & DELETE statement
 - Lab
- **Module 4 : Advanced DDL & DML**
 - String patterns, Ranges & Sets
 - Sorting Results sets
 - Grouping Results Sets
 - Lab



Course Contents

➤ **Module 5 : Working with Multiple Tables**

- Introduction to Joins
- Types of Joins
 - Inner Join
 - Left outer join
 - Right Outer Join
 - Full Join
- Lab