

# SQL Database

## 1) INTRODUCTION

### 2) SELECT (Module - 1)

- a) SELECT
- b) AND, OR, Not
- c) DISTINCT
- d) AS
- e) LIMIT, TOP, FETCH FIRST
- f) IN operator
- g) BETWEEN operator
- h) IS NULL & NOT NULL
- i) MIN() & MAX()
- j) COUNT()
- k) SUM() & AVG()

### 3) SELECT (Module - 2)

- a) ORDER BY
- b) GROUP BY
- c) LIKE
- d) wildcards
- e) Union
- f) Subquery
- g) ANY & ALL
- h) CASE
- i) HAVING
- j) EXISTS

### 2) JOIN

- a) JOIN
- b) INNER JOIN
- c) LEFT JOIN
- d) RIGHT JOIN
- e) FULL OUTER JOIN

### 3) DATABASE & TABLE

- a) create database
- b) create table

- c) drop database
- d) drop table
- e) alter table
- f) backup database

#### 4) INSERT, UPDATE & DELETE

- a) insert into
- b) update
- c) select into
- d) delete and truncate rows

#### 5) CONSTRAINTS

- a) not null
- b) unique
- c) primary key
- d) foreign key
- e) check
- f) default
- g) create index

#### 6) OTHER TOPICS

- a) Data types
- b) Date and Time
- c) Operators
- d) Comments