1) SQL – 01

- Creating Database
- Using Databases and Tables
- Primary Key - Foreign Key - Unique Key
- Adding column to a Table - Adding Values to Table
- Changing Column Property
- Not Null

2) SQL – 02

- Select Statement
- Where – AND – Or – (In - Not In) – (Like - Not Like)
- (Between - And) - (Is Not Null - Is Null) - Select Distinct
- Aggregate Functions
- Order By - Group By - Using Alliases (AS)
- Having – (Where vs Having) – Limit
- Ifnull() and Coalesce()

3) SQL – 03

- Insert Statement
- Inserting Data Into a New Table
- The Update Statement - The Delete Statement

4) SQL – 04

- Inner Join
- Duplicate Records
- Left Join - Right Join
- Join and Where Used Together
- Cross Join
- Using Aggregate Functions with Join
- Join More Than Two Tables
- Union Vs Union All

5) SQL -05

- Subqueris with IN Nested Inside Where
- Subqueries with EXISTS-NOT EXISTS nested inside WHERE
- Subqueries nested in SELECT and FROM
- Self Join – Views

6) SQL – 06
- Stored Routines
- Stored Procedures
- Stored procedures with an input parameter
- Stored procedures with an output parameter
- Variables
- User-defined functions in MySQL

7) SQL – 07

- Triggers
- BEFORE INSERT
- BEFORE UPDATE
- Indexes
- The CASE Statement

8) SQL – 08

- Window Functions
- The ROW_NUMBER() Ranking Window Function
- The MySQL RANK() and DENSE_RANK() Window Functions
- Working with MySQL Ranking Window Functions and Joins Together
- The LAG() and LEAD() Value Window Functions
- Aggregate Functions in the Context of Window Functions

9) SQL – 09

- Common Table Expression
- Common Table Expressions – Introduction
- Using Multiple Subclauses in a WITH Clause
- Temporary Tables
- Temporary Tables in Action
- Other Features of MySQL Temporary Tables
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