SQL Syllabus

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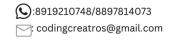
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Introduction

- What is SQL?
- Why do we need SQL?
- What is DataBase Management System? Types of DBMS
- Execution Of SQL query
- Difference Between SQL and MYSQL
- Introduction to MySQL
- Installation of MySQL server
- Download sample database
- Load sample database to work.

Ba

- Basic SELECT Statement
- Limit/Offset
- OrderBy
- Distinct
- Where
- Comparison Operators
- Null
- Logical Operators
- Aggregate Operators(Count, Max, Min, Avg, Sum)

- Group By
- Having
- Order Of Keywords
- Wildcard Operators

JOINS

- What are Joins?
- Inner Join
- Outer Join
- Left Join
- Right Join
- Self Join
- SubQueries/NestedQueries/Inner Queries
- Triggers +Views
- Stored Procedures +Functions

DML

- DML:Insert
- DML:Update, Delete DDL:Create Table
- DDL:Alter:Add, Drop, Modify
- DDL:Drop Table, Truncate, Delete
- DCL:Data Control Language: GRANT,REVOKE
- Normalisations