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## MySQL

### COURSE CONTENTS

- ⌚ How to Create Tables
- ⌚ How to Create a Basic Query
- ⌚ Advanced Queries
- ⌚ MySQL Functions
- ⌚ Joins
- ⌚ Queries
- ⌚ Tables & Queries
- ⌚ Stored Procedures
- ⌚ Triggers
- ⌚ User Defined Functions
- ⌚ Views



#### How to Create Tables

- SQL Data Types
- Primary Keys
- Null values and Not Null Values
- Auto Increment

#### How to Create a Basic Query

- Use The Where Clause
- Conditional Statements
- Multiple conditions
- Comparison Operators
- Logic Values
- Null Values
- Patterns also known as Wildcard characters
- Compare Column Values

#### Advanced Queries

- Distinct Values
- Top Values
- Date Functions
- Date Calculations
- Aggregate Functions
- String Functions
- Sort Data
- Rank Data
- Save A Query
- Execute a Query
- Modify a Saved Query

#### MySQL Functions

- String To Date And Date Format
- Control Flow Functions
- Casting Functions

#### Joins

- Inner Join
- Left Join
- Full Outer Join
- Self-Join
- Unions
- Except and Intersect

#### Queries

- Distinct Values
- Top Values
- Subqueries with "In"
- Inline Views

#### Tables & Queries

- Importing And Exporting Data

- Update Data

#### Stored Procedures

- Introduction To Stored Procedures
- Changing The Delimiter
- Editing a Stored Procedure
- Variable Scope
- A Data Generating Procedure

#### Triggers

- Introduction To Triggers
- Validating Triggers
- Triggers and Transactions

#### User Defined Functions

- Functions Vs Procedures

- User-Defined Functions

#### Views

- Create A Simple View

- With Check Option

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