



GETIN TECHNOLOGIES

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COURSE NAME: MYSQL TRAINING

[Visit our website for Course Fees and Course Duration](#)

Placement Eligibility:

Eligible: Any Bachelor Degree, Any Master Degree, MBA

No Eligible: Diploma

Class Mode:

Classroom | Online | Recorded Session | AI Session

If you have Completed Course, You want only Placements

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Training Partnership with



Placement Partnership with



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MYSQL SYLLABUS

Introduction to MySQL

- Overview of MySQL and its features
- Installation and setup of MySQL
- Getting familiar with MySQL command-line client and GUI tools

Basic SQL

- Understanding SQL syntax and basic commands
- Creating and modifying databases and tables
- Inserting, updating, and deleting data in tables
- Querying data from tables using SELECT statements

Advanced SQL

- Using JOINS to combine data from multiple tables
- Grouping and aggregating data with GROUP BY and aggregate functions
- Filtering data with WHERE and HAVING clauses
- Sorting data with ORDER BY clause

Data Types

- Understanding the different data types in MySQL
- Creating tables with appropriate data types
- Working with date and time data types

Stored Procedures and Functions

- Creating and calling stored procedures and functions
- Understanding parameters and return values
- Managing and debugging stored procedures and functions

Triggers

- Understanding triggers and their use cases
- Creating and managing triggers
- Using triggers to enforce business rules and data integrity

Views

- Understanding views and their use cases
- Creating and managing views
- Using views to simplify queries and improve performance

Indexes and Optimization

- Understanding indexes and their use cases
- Creating and managing indexes
- Optimizing queries and database performance

Backup and Recovery

- Understanding backup and recovery options
- Creating backups and restoring data
- Managing database security and user access

Project

- Developing a project using MySQL and integrating it with other technologies such as PHP or Python
- Applying concepts and techniques learned throughout the course
- Presenting the project to the class for feedback and review