



# MySQL Database

Become a SQL database administrator

**Curriculum Brochure**

# MySQL Database Training Program

TRAINING

MySQL is a widely-used open-source relational database management system that is popular among developers and businesses of all sizes. The scope of MySQL database is vast, as it can be used for a wide range of applications, from small websites to large-scale enterprise applications. MySQL is known for its reliability, scalability, and ease of use, making it an ideal choice for many businesses and organizations.

The importance of learning MySQL database for job and career is evident in the demand for professionals with MySQL skills in the IT industry. Many businesses and organizations rely on MySQL databases to store and manage their data, and as such, there is a high demand for professionals who can design, deploy, and maintain MySQL databases. MySQL skills are particularly important for web developers, software engineers, data analysts, and database administrators, among others.

By learning MySQL database, professionals can gain a competitive edge in the job market and advance their careers. MySQL skills can also lead to higher salaries and better job opportunities. Furthermore, MySQL is an open-source technology, which means that professionals can easily access resources and support communities online to improve their skills and stay up-to-date with the latest developments in the field.

As MySQL can be easily integrated with other software and applications, hence making it an ideal choice for startups with limited resources.

MySQL can handle large amounts of data and can be easily scaled to accommodate the growth of a startup. As a startup grows and its database needs increase, MySQL can be easily scaled up by adding more resources or deploying it in a distributed architecture.

MySQL is an open-source technology, which means that startups can use it for free without having to pay for expensive licensing fees. This makes it an attractive option for startups with limited budgets who are looking to keep costs low while still maintaining a high level of functionality and reliability.

In summary, the scope of MySQL database is vast, and the importance of learning MySQL for job and career is evident in the high demand for professionals with MySQL skills in the IT industry. By mastering MySQL, professionals can gain a competitive edge, advance their careers, and contribute to the success of businesses and organizations that rely on MySQL databases.



# MySQL Database Training Program

This program is designed to train students with the skills and experience to work on MySQL database, CRUD Operations, data retrieval, indexing, managing user and permissions, etc.



## Practical Based Sessions

Training program available in four months & six months duration



## Dummy Projects

To build your hands-on expertise & portfolio



## Resume Building Assistance

To create an attractive resume for your candidature



## Interview Preparation

So you can present your skills in a better way



## Mentoring & Job Assistance

To help you in getting good career or placements

## Who can join

Any student can join the MySQL Database training program . The student must have interest in database and software development with basic computer knowledge.

Students from any specializations of B.Tech / M.Tech / BCA / MCA / B.Sc. / M.Sc, who are looking to learn about database operations can join the MySQL Database training program.

Working professionals or job seekers, who are looking to learn about database operations can join the MySQL Database training program.

## Training Mode

### Online Live Classes are available

- 4x more effective way of learning
- Hands-on experience with projects & assignments
- Virtual class with real interaction with trainer
- Monitoring support & troubleshooting issues
- Masterclass from industry experts & leaders
- Live class recordings for revision purpose

## MySQL Database Training in Agra



### Learn2Earn Labs

F-4, First Floor, Anna Ikon Complex, In Front of Deviram Food Circle, Sikandra-Bodla Road, Sikandra, Agra, Uttar Pradesh – 282007

Call : +91-9548868337

# Training Modules

## Objectives :

The training objectives is to understand the basics of MySQL, including installation, configuration, and database creation. Learn SQL language and MySQL syntax to create, modify, and query databases. Develop skills to optimize database performance, manage users and permissions, and perform backup and recovery operations.

### Module 1 : Introduction

Introduction to Databases, database importance, Introduction to MySQL, Installing MySQL on different platforms, Basic MySQL commands.

### Module 2 : Performing Operations

Understanding data types and constraints, Creating tables using SQL commands, Inserting, updating and deleting data from tables, Altering tables to modify structure, Retrieving Data from Tables, Understanding SQL SELECT statements, Filtering data with WHERE clause, Sorting data with ORDER BY clause, Joining tables using JOIN clause.

### Module 3 : Data Analysis with Functions and Aggregates

Understanding SQL functions and their types, Using functions to perform calculations on data, Using aggregate functions to summarize data, Grouping data.

### Module 4 : Advanced MySQL

Subqueries and their types, Correlated subqueries, Self-joins and cross-joins, UNION operator, Indexing and Optimization, Understanding indexes & their types, Creating indexes to improve query performance, Optimizing MySQL queries, analyzing queries.

### Module 5 : Stored Procedures and Triggers

Introduction to stored procedures, Creating stored procedures, Passing parameters to stored procedures, Introduction to triggers and their types, MySQL Administration, MySQL configuration files and settings, Securing MySQL server, User management and permissions, Backing up and restoring MySQL databases

### Module 6 : Assignments & Interview Preparation

The candidate will go through various assignments, & case studies to get hands-on experience. The candidate will also get trained in respect of cracking the viva and interviews.

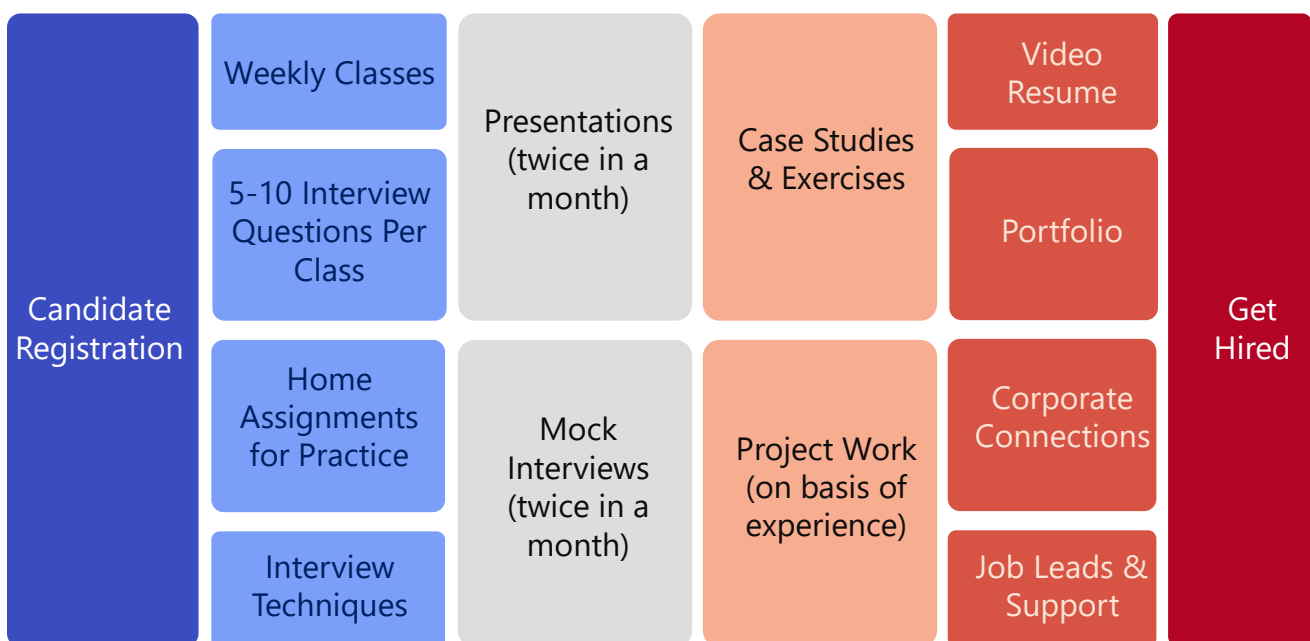
### Module 7 : Mini Projects

The candidate will get the benefits of project guidance & project work during the training.

# We follow a dynamic & vibrant Job Assistance Execution Path


In present scenario providing job surety is easy, only we need to focus on outcome based learning and practical work enhancement. We know that every candidate is enough capable to understand the concepts and implement those concepts for improving his/her practical knowledge and experience.

Hence we are following a dynamic & vibrant Job Assistance Execution Path while conducting our job guarantee training programs and job assistance training programs. We are proud to say that we prepare candidates who can perform better throughout their professional journey and will always remains unbeatable.



## We also offers

### Variety of Job Oriented Training Programs

 <p>Java Full Stack Duration : 4 months   6 Months</p>	 <p>Full Stack Web Development Duration : 4 months   6 Months</p>	 <p><b>8 LPA+ Job Guarantee</b> Full Stack Software Engineer Duration : 1 Year   600 Hours</p>
 <p>Cloud Computing &amp; DevOps Duration : 4 months   6 Months</p>	 <p>Digital Marketing Duration : 6 months   1 Year</p>	 <p>Data Science &amp; ML Duration : 4 months   6 Months</p>





## Learn2Earn Labs

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