

MySQL 5 Database Associate

Introduction

This course is intended for those who are relatively new to using the MySQL database server and covers basic database management system concepts as well as basic MySQL. This course is also recommended for MySQL users who know the basics but have not obtained the experience gained by professional MySQL DBAs or Developers. The course explains concepts related to database management systems as well as the terminologies of basic SQL. Additionally provides understanding of the basics of SQL, as well as relational databases. Course content is aligned with the corresponding Global Certification Oracle Certified Associate

Pedagogy

Online Course

Minimum Recommended Duration (90 hours)

40 hours of course work and assignments + 20 hours of guided practice + 30 hours of open practice

Difficulty

Beginner to Practitioner

Assessment

Online Assessment

Related SMU Subjects

BCA 3rd Sem: DBMS

MCA 5th Sem: Open Source DB Systems

BScIT 3rd Sem: RDBMS with MYSQL

MScIT 3rd Sem: DBMS

Certified By

MaGE

Who Should Attend

Graduates of IT/CS who wants hands on knowledge of MySQL database server, basic database management system and basic SQL

Working executives working on any DB tools and want to get certification cum expertise in managing MySQL Tools

Program Structure

- Introduction
- MySQL Server and Client
- Database Basics
- Database Design
- Table Data Types
- Database and Table Creation
- Basic Queries
- Database and Table Maintenance
- Table Data Manipulation
- Functions
- Joining Tables
- Table Queries
- Exporting and Importing Data
- MySQL GUIs
- Supplemental Information
- Conclusion

Learning Outcome

- Install MySQL server
- Export & Import Data from MySQL Database
- Nesting of queries
- Retrieve data from multiple tables
- Describe the advantages of MySQL
- Describe the fundamentals of relational databases



MySQL 5 DB Developer Associate

Specialization

Database Management

Major Recruitment Sector

IT, IT Enabled Services, KPOs,
Banking Sector

Avg. No. of opening in leading Job Portals

30000 Jobs for 0 to 3 years of experience

Large Employers

HP, IBM, TCS, Infosys, EMC2, Oracle, Accenture, Wipro, TechM, Cisco

Avg. Salary / Annum

Fresher: Rs. 1.2 – 1.5 Lac

Exp (1-3 Yrs): Rs.2.0 – 3.5 Lac

Exp (3 Yrs+): Rs. 4 Lac+

MySQL forms an excellent combination with PHP that has over 15000 job openings across leading job portals..!

Placement Opportunity

All Software Development / Web Development jobs require the support of a backend Database System. MySQL 5 is among the most popular database system that combines famously with the leading web development tool PHP. Being open source also contributes to the reach and penetration of this system. Fresher or new IT professionals who want to specialize in database find MySQL a very good place to start and learn the intricacies of database management. Our skill enhancing program takes the students through various examples of multiple difficulty levels that prepare them for their job interviews. Solid foundation and Practical knowledge of SQL increases the student's placement chances and takes up salary component by 25%.

MaGE Online Model USP

| | Face to Face Model | MaGE Online Model |
|--------------------------------------|--|---|
| Faculty | Instruction Led Training | Built on self-learning mode with Tech / Subject Matter Support Via e-Mail & Call |
| Content | Books | Online Reading Material, Downloadable PDFs |
| Assessment | Single Assessment | Multiple Quizzes for all Units, Self-Assessment coding with Instant Evaluation and Feedback |
| Practice Problems | Limited basic pre-defined problems | Multiple Practice Problems with varying levels of Difficulty |
| Practice Time & Scope | Limited Lab Timing and Software / Compilers required to practice at home | Guided Practice session with opportunity to practice unlimited times to get firm understanding. Cloud Platform Enables the student to Practice using just a Browser and Internet Connection |
| Scope for Additional / Self Practice | None | An Open Practice Lab is built in wherein a student can do coding / practice any exercise on his own to improve his understanding further without any constraints |



Comparison of Delivery Models

| Face to Face Model | MaGE Online Model |
|--|--|
| 70 – 75 hours | 90 hours |
| <ul style="list-style-type: none">✓ 40 hours of self-learning from Books✓ 30 hours of instructor led training on doubt clarification of basic concept and lab session✓ Additionally a student can book lab (depending on availability) to practice on his own, generally faculty assistance are not available✓ Single assessment at the end | <ul style="list-style-type: none">✓ 40 hours of self-learning in multiple modes - e-books, PPTs, videos✓ <u>Minimum</u> 20 hours of guided practice and 30 hours of open practice✓ Continuous self-assessment and final proctored assessment |