



QA Training Hub (QTH)

Quality Never Fails



DATABASE TESTING COURSE

Online training with
Banking/Insurance/
e-Commerce
Projects..!!



DATABASE TESTING Course. Online training with Banking/Insurance/e-Commerce Projects..!!

Module 1: Database Concepts

- > Introduction to Databases
- > GUI Testing vs Database Testing
- > Life Cycle of Database Testing
- > What is Database Application?
- > Testing the Application vs. Testing the DMBS
- > Back End vs. Front End Testing
- > QA' ing Data – Who is responsible?
- > What should be test in the Database?
- > Knowledge required for the Database Tester
- > Database Testing Phases
- > Database Testing Methodologies
- > Structural Database Testing
- > Functional Database Testing



Module 2: Basic Structured Query Language

- > SQL Syntax, SQL Data Types
- > SQL Operators
- > Data Definition Language
- > Data Manipulation Language
- > Data Control Language
- > SQL Functions
- > SQL Queries and Sub Queries
- > SQL Clauses, SQL Joins
- > SQL Views, SQL Indexes
- > SQL Transactions
- > SQL Injection
- > Using the select Statement to Test data
- > Using the insert Statement to generate Test data
- > Testing for basic data integrity using Constraints



STRUCTURED QUERY LANGUAGE

Module 3: Types of Database Testing

- > Structural Database Testing
- > Functional Testing
- > Nonfunctional Testing
- > Database Testing Processes
- > Joining Tables
- > Using SQL Queries for Data Verification
- > How Concurrency Issue affect data
- > Accuracy



Module 4: Database Testing Techniques

- > Database Schema Testing
- > Stored Procedure Tests
- > Trigger Tests
- > Server Setup Scripts
- > Functional Testing Method
- > Stress Testing
- > Benchmark Testing
- > Testing a Database via Front-end

Module 5: Database Testing Objects

- > Views
- > Indexes
- > Stored procedures
- > Triggers
- > User – Defined Functions



Module 6: Using SQL in Scripting Languages

- > Structural Database Testing using TOAD Tool
- > Database schema tests
- > Database and devices
- > Tables, Columns types
- > defaults and rules
- > Keys and indexes

Module 7: Stored Procedure tests

- > Individual Procedure tests
- > Integration tests of procedures

Module 8: Trigger tests

- > Testing Update triggers
- > Testing Insert triggers
- > Testing Delete triggers
- > Integration tests of SQL server



Module 9: Database Testing – Performance

- > Load Testing
- > Stress Testing
- > Spike Testing
- > Data Volume Testing

Module 10: Database Testing – Database Backup

Database Testing – Data Recovery

Database Testing – Data Security

- > Types of Threats on a Database System
- > Database Security Testing Techniques
- > Database Testing Challenges



More about Placements***

- > Resume preparation
- > Mock Interviews
- > Interview Tips & Tricks
- > How to fill academic and professional gap
- > Placement Assistance **
- > Cracking Interview

Our Trainees are successfully placed in



What people say

"He understood my testing training needs, and suggested a custom online training program. The fee was very nominal, when compared to other testing training institutions. I am half way on my completion of the SAP Testing program, and hope to complete the program this Summer end. I sincerely acknowledge the ready-to-help nature of the knowledgeable staff there. I wish the best to Dinesh sir and the staff at QA Training Hub."

Sheetal Verma - Mumbai West, Maharashtra - ★★★★★

"I started Googling for testing trainers in different metros of India. I found QA Training Hub, which is based in Hyderabad. Wonderfully, they were offering online programs in testing tools. I suggested to my daughter to give a try, she did promptly. It was really unexpected for her and me. In the first session itself, which was more in the nature of a demo, her doubts and questions were answered by Dineshji. He and his trainers are the best lot, my daughter says. It is nice that we got a good institution and a knowledgeable teacher to guide my daughter in testing tools. Best wishes to the team at QA Training Hub."

Dr Ravi Malhotra - New Mogul Apartments, Lucknow (Main) UP - ★★★★★

"We met him at their Hyderabad premises, he noted our testing needs and their critical role in achieving project completion. He made an evaluation of our testing process, and the competencies of our testing staff. He suggested us a custom corporate training program, which was to be held in-house. Dinesh was very kind enough to visit the premises and train our staff in the details of testing tools. Now, our staff is much better than they were before. We wish Dinesh and his team at QA Training Hub the very best in all their testing training endeavours."

Rajesh Verma - Ven Star Solutions Pvt Ltd, Bangalore, Karnataka - ★★★★★