

DATABASE TESTING

Database Testing Fundamentals

- Introduction to DB Testing
- Importance of DB Testing
- Roles & Responsibilities of DB Test Engineer
- Database Components to be tested
- Data Design Testing
- Data Validity Testing
- Data Integrity Testing
- Stored Procedure Testing
- Performance Testing
- DB Testing Phases
- DB Testing methodologies

Database Design – SQL using Oracle

- Introduction to Database
- What is DBMS & RDBMS?
- Normalization
- Introduction to SQL
- Data Definition Language
- Data Manipulation Language
- Data Retrieval Language
- Aggregate Functions
- Grouping the result of a Query
- Data Integrity
- SET Operators
- Sub Queries
- Aliases (Table / Column)
- Joins and Types
- Data Control Language
- Transaction Control Statements

Database Implementation – PL/SQL

- Introduction to PL/SQL
- Advantages of PL/SQL
- PL/SQL Architecture
- Variables & Data types
- Conditional and Iterative Statements
- Cursors
- Stored Procedures
- Testing of Procedures
- Triggers
- Testing of Triggers

Database Testing Implementation

- DB Testing Process
- Test Plan
- Test Scenarios
- Test Cases
- Entry Criteria for DB Testing
- Test Execution
- Defect Management
- Test Deliverables
- Test summary report
- Bugs summary report

Database Testing using Toad for Oracle

- Introduction to TOAD for ORACLE
- DB Testing using Toad API
- Toad Navigation process
- Iterative and incremental and Agile

After the Course

1. Resume Preparation
2. Guidance to apply jobs
3. Written Test
4. Mock Interviews
5. Placement Assistance till you find a Job