

SQL

Introduction to SQL What is Database, What is RDBMS, DBMS vs RDBMS, SQL Syntax, SQL Data Types, SQL Operators

SQL Database SQL CREATE Database, SQL DROP Database, SQL RENAME Database , SQL SELECT Database

SQL Table

What is Table, SQL TABLE Variable, SQL CREATE TABLE, SQL DROP TABLE, SQL DELETE TABLE, SQL RENAME TABLE, SQL TRUNCATE TABLE, SQL COPY TABLE, SQL TEMP TABLE, SQL ALTER TABLE

SQL Select

SELECT Statement, SQL SELECT UNIQUE, SQL SELECT DISTINCT, SQL SELECT COUNT, SQL SELECT TOP, SQL SELECT FIRST, SQL SELECT LAST, SQL SELECT RANDOM, SQL SELECT AS, SQL SELECT IN, SQL SELECT Multiple, SQL SELECT DATE, SQL SELECT SUM, SQL SELECT NULL

SQL Clause

SQL WHERE, SQL AND, SQL OR, SQL WITH, SQL AS

SQL Order By

ORDER BY Clause, ORDER BY ASC, ORDER BY DESC, ORDER BY RANDOM, ORDER BY LIMIT, ORDER BY Multiple Cols

SQL Insert

INSERT Statement, INSERT INTO Values, INSERT INTO SELECT, INSERT Multiple Rows

UPDATE Statement

SQL Delete

DELETE Statement, SQL DELETE TABLE, SQL DELETE ROW, SQL DELETE All Rows, DELETE Duplicate Rows, SQL DELETE DATABASE, SQL DELETE VIEW, SQL DELETE JOIN

SQL Join

SQL JOIN, **SQL Outer Join**, **SQL Left Join**, SQL Right Join, SQL Full Join, SQL Cross Join

SQL Keys

Primary Key, Foreign Key, Composite Key, Unique Key, Alternate Key

PL/SQL- Control Statements, Trigger, Functions, Stored Procedures

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Web Designing

HTML

Introduction, Basic tags, Lists, Tables, Frames, Forms, HTML5

CSS

Introduction, Types of Style Sheets, Class Selector, ID Selector, Absolute and Relative Positioning, DIV + CSS, Layout Design, CSS

JavaScript

Introduction to scripting, Introduction to JavaScript, Variables and operators, Working with alert, confirm and prompt, Conditional Statement, Looping Statement, Events and functions

Bootstrap

Bootstrap, Advance, Bootstrap, Utilities

Software Project Management Syllabus

Software Project Management
Introduction to Project Management
Scope of Project
Project Scheduling
Team responsibilities and activities
Test Cases and Cost implications
UATs
Software DLC
Live Project

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Software Testing Syllabus

Manual Testing

Introduction of software testing - what is software testing, why it is necessary, fundamentals of test process, software testing objectives, defect bugs errors failure.

Software testing life cycle - introduction of software testing life cycle, phases of software testing, verification, validation.

Models - waterfall model, v model, RAD model, iterative mode, spiral model, incremental model, agile model, prototype model, different between models.

Software testing level - unit testing, component testing, integration testing, system testing, system integration testing, acceptance testing, alpha testing, beta testing.

Software testing life cycle - introduction of software testing life cycle, phases of software testing life cycle, test cases, test plan, test suits.

Test design techniques - identifying test condition and test design, category of test design techniques, specification-SRS,BRS,URS, white box testing, black box testing, use case.

Software project management - what is software engineering, introduction of sdlc, waterfall model, agile model, difference between agile and waterfall model, ER diagram, need of testing, use test plan and test cases, implementation of test cases.

Test design - boundary value analysis, Equivalence Partitioning, State Transition Testing, Code Coverage, Decision Coverage, Statement Coverage, Structural Testing, exploratory testing.

Testing type – Functional testing, stress testing, usability testing, security testing, performance testing, reliability testing, non function testing, recovery testing, load testing.

Automation Testing

Selenium- selenium ide, install selenium ide and firebugs, introduction of selenium ide, creating your first selenium ide script, how to use locator in selenium ide, how to enhance script using selenium ide, webdriver, introduction to webdriver and comparison with selenium rc, guide to install the selenium web driver, creating your first script in web driver, accessing forms in web driver, accessing link and table using web driver, keyboard mouse event uploading file web driver, how testing makes selenium easier, all about excell in selenium poi and jxl, creating keyword and hybrid framework, Screenshots, Database Testing, Maven.

Introduction jmeter

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Front Bench Advantage:

- *Over 5 years Real-Time experienced Faculty*
- *Job oriented, Industry relevant curriculum*
- *Conceptual training methodology*
- *Project/Lab based training*
- *Opportunity for Internship*
- *100% Job Assurance*

Career Options:

- Software Development Companies
- Web design studios
- Website development studios
- Website or portal development studios
- Advertising agencies
- Print & Publishing houses (like newspapers, magazines, etc.)
- Multimedia production houses
- Freelancing (Work from home)

Job Profile after this course:

- UI Developer / Web Developer
- Software Developer / JAVA Developer/ .Net Developer
- Full Stack Developer
- SQL Developer / Database Analyst / BACKEND DEVELOPER
- DATABASE Administrator

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