



SQT Six weeks Training Syllabus

DP Project Development offers the wide range of trainings in the most specialized manner possible in the market. The training is organized in a step by step method which makes learning easy and fast. Various forms of lessons are conducted in SQT-6 weeks training, such as test, mock tasks and practical issue solving. This procedure of courses helps the learner to estimate his level and also points out the amount one has to develop. This software is in high demand in market, companies are willing to hire candidates who are proficient in these criteria and hence the pursuer will be one step higher. A trainee gets the chance to learn all technical details with DP Project Development and become a specialist in no time. DP Project Development has design various training programs depending on need and time of the students. This course is organized in such a way that it completes the entire training within a span of 6 weeks and saves money and valuable time for people. It can be an added advantage for people who are already working. Faculties of DP Project Development believe in building a trainee from core and making an expert of them. The practical based training modules are specially designed by DP Project Development to bring out a professional out of all.

Training Modules:

1. Software Quality Testing, Testing Practice Overview

- history of software engineering
- terms in software testing
- defect, error ,bug , failure
- software development life cycle(SDLC)

2. Models of Software Engineering

- Waterfall Mode



- Prototype model
- Spiral Model
- Incremental Model
- rad model etc.

3. Typical related to software and management terms related to software engg. and testing

- definition of quality
- Quality Assurance and Quality Control
- verification and validation

4. static testing

- walkthrough, reviews and inspection
- the review process
- requirement design and code reviews

5. iso,cmm and six sigma certification and its use in context to software testing Levels of Testing

- Unit Testing
- Integration Testing
- System testing
- UAT

6. Software Testing Methodology

- White Box
- Black Box
- Grey Box

7. An Overview of White Box Testing



- Basis Path Testing
- Flow Graph Notation
- Cyclomatic Complexity
- Control Structure testing
- Condition Testing
- Loop Testing

8. Types of Testing

- Acceptance Testing
- Alpha Testing
- adhoc Testing
- Exploratory Testing
- Performance Testing
- Load Testing
- Stress Testing
- Volume Testing
- Random Testing
- Re-Testing
- Regression Testing
- Sanity Testing
- Smoke Testing
- Security Testing
- Usability Testing
- Validation Testing etc.



9. Test Plan

- Create Test Plan on a Project
- Test Deliverables (Test ware)
- Test Case Writing Techniques

10. Black Box Testing (Optimizing Techniques)

- Equivalence Class Partitioning
- Boundary value analysis
- Decision Table
- Use Case
- Introduction of Web Testing
- Real Time Implementation of Testing Project & Domain Knowledge session
- Review Of Test Cases(Lab)
- Execution Of Test Cases(Lab)
- Bug life cycle
- Bug Reporting process
- Bug Reporting (On Live Projects/Lab)

11. Database Testing with SQL for Test Professionals Introduction

- What is Database Application?
- Understanding data storage
- Back end & front end Testing
- General Database Basics
- Relational Database Concepts

12. Basic Sql:



- Overview of DML , DDL, TCL
- DML : Insert , update , Delete , merge
- Restricting & Sorting Data
- sql functions
- single row functions
- character functions, number functions, round truncate , mod, mx, min, date
- general functions
- Cont, avg, sum, now etc..
- joining tables
- obtaining data from multiple tables
- types of join inner joins, left joins , right join
- operator (data using group functions)
- distinct, order by, group by, equal to etc..
- database object(constraints and views)
- notNull
- unique
- primary key
- foreign key

13. introduction of vb script:

- what is vb-script
- vb-script data types , variable sub types
- variables naming variables declaring variables
- public statements , rem statements , option explicit



- statements assigning values to variables

14. scalar and array vb script operator

- Arithmetic operator
- comparison operator
- logical operator

15. conditional statements vb script operator

- if then else
- select case

16. looping vb script operator

- do..while
- do...loop
- for... next
- for... each next

17. constants vb script operator

- functions
- regular expressions
- automated tested tools
- hp interactive

18. AUTOMATED TESTING TOOLS

- HP interactive

19. QUICK TEST PROFESSIONAL (qtp.11.0)

- Introduction
- Types of Recording



- Normal
- Analog
- Low level
- Types of OR
- Merging of OR
- Check points
- Standard Check Point
- Test Check Points
- Text area Check Point
- Database Check Point
- Accessibility Check Point
- XML Check Point
- Parameterization
- Output Values
- Standard Output Check Points
- Text Output Check Point
- Text area Output Check Points
- Database Output Check Points
- XML Output Check point
- Using Regular Expression Recovery Scenario Manager
- PoPUP
- Object State
- Test Run Error



- Application Crash
- Actions
- Call to New Action
- Call to existing Action
- Call to Copy Action
- Batch Execution

20. winrunner(Wr)

- introduction to winrunner
- testing process
- learning methods
- gui map
- recording methods
- check points
- compile module
- batch test
- exception handling
- virtual objects wizard
- breakpoints
- analyzing and reporting test results
- context sensitive
- analog
- gui checkpoints
- get text



- Introduction
- through dynamic input submission
- through flat file
- through data driver wizard.

TRAINING SCHEDULE - Please contact us for latest training schedule

TRAINING MODE

We give flexible learning options to trainees

- Instructor Lead (REGULAR / ONLINE / WEEK-END / PART-TIME / COMBINED-FLEXIBLE)
- INSTRUCTOR LEAD LIVE ONLINE TRAINING MODE - You can join the training from any part of world

CONTACT DETAILS

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