

Software Testing Industrial Training



About Course

Software testing is the process of evaluating and verifying that a software product or application does what it is supposed to do. The benefits of testing include preventing bugs, reducing development costs and improving performance.

SOFTWARE TESTING INDUSTRIAL TRAINING CURRICULUM

Software Testing Introduction

Objectives Of Software Testing Software Development Process Why Software has defects? Most common defects What is Verification & Validation Difference between QA & QC Role of a Tester

Testing Principles

Early Testing
Pesticide Paradox
Absence of Error is a Fallacy
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Testing Should Show Presence of Defects
Testing is Context Dependant

Software Development Life Cycle





SDLC Phases
SDLC Models
Waterfall Model
V Model
RAD Model
Prototype Model
Spiral Model
Agile Model

Software Testing Methedologies

Static Testing
White Box Testing
Black Box Testing
Gray Box Testing

Types Of System Testing

Smoke and Sanity Testing
Formal Testing
Priority Based/Risk Based Testing
Ad-hoc Testing
Re-Testing & Regression Testing
End-to-End Testing
Exploratory Testing
Benchmark Testing
Monkey Testing



Ul Testing
Usability Testing
Performance Testing

Software Testing Life Cycle

Software Testing Life Cycle
Test Strategy
Test Plan
Test Analysis
Analyzing Functional Requirements
Preparing Requirement Clarification
Test Preparation
Identifying & documenting Test Scenarios
Test Case Design Techniques
Preparing Test Cases

ISTUB Software Testing

Testing Fundamentals
Software systems context
Causes of software defects
Role of testing in software development,
maintenance & operations
Testing & quality
Seven testing principles



Automation Testing

What is Automation Testing? Benefits of Automation Testing? Manual Testing vs. Automation Testing Types of Automation Testing Tools Tool Selection Criteria Automation Testing Process When should Test Automation be used? When should Test Automation be avoided?

















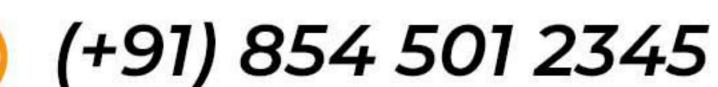




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