



Certificate in Software Test Analysis

Vskills Certifications

Vskills Brochure



Certificate in Software Test Analysis

Test analysis is the process of analyzing the basis of the test or the information to derive test information also called as the test basis.

Certificate in Software Test Analysis assess and validates your skills in analysis of software tests.

The certification covers

- Software Testing Basics
- Risk Management
- White Box Testing
- Black box testing
- Testing Artifacts
- Test Analysis

Why should one take this certification?

The certification in Software Test Analysis helps you in validating your skills and knowledge in software test analysis by having the certificate as a proof for the same.

The certification helps you move ahead in your career in software testing domain.

Who will benefit from taking this certification?

The certification is suitable for test analysts, senior test analysts, software testing managers and professionals who want to excel in their careers by showcasing their skills and expertise in software test analysis.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes) *

* Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

Table of Contents

1. Software Testing Basics

- 1.1 Scope
- 1.2 Functional vs. Non-Functional testing
- 1.3 Defects and failures
- 1.4 Finding faults early
- 1.5 Compatibility
- 1.6 Input combinations and preconditions
- 1.7 Static vs. dynamic testing
- 1.8 Software verification and validation
- 1.9 The software testing team
- 1.10 Software quality assurance (SQA)
- 1.11 Testing Methods - The box approach

2. Risk Management

- 2.1 Risk Identification
- 2.2 Risk Mitigation
- 2.3 Risk Management
- 2.4 Risk-based Testing

3. White Box Testing

- 3.1 Introduction
- 3.2 Types of white box testing
- 3.3 Test coverage
- 3.4 Hacking

4. Black box testing

- 4.1 Specification-based testing
- 4.2 Test design techniques
- 4.3 BVA
- 4.4 Classification Tree
- 4.5 Hacking
- 4.6 Grey box testing

5. Testing Artifacts

- 5.1 Test plan
- 5.2 Traceability matrix
- 5.3 Test case
- 5.4 Test script
- 5.5 Test suite
- 5.6 Test data
- 5.7 Test harness

6. Test Analysis

- 6.1 Test Analysis Basics
- 6.2 SRS, BRS and Functional design Documents
- 6.3 Test Basis Review
- 6.4 Identify Test Conditions
- 6.5 Test Case Design
- 6.6 Expected and Unexpected Inputs

Certifications

- ▶ **Accounting, Banking & Finance**
 - Certified GST Professional
 - Certified AML-KYC Compliance Officer
 - Certified Business Accountant
 - Certified BASEL III Professional
 - Certified GAAP Accounting Standards Professional
 - Certified Treasury Markets Professional
- ▶ **Big Data**
 - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
 - Certified Cloud Computing Professional
- ▶ **Design**
 - Certified Interior Designer
- ▶ **Digital Media**
 - Certified Social Media Marketing Professional
 - Certified Inbound Marketing Professional
 - Certified Digital Marketing Professional
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 - Certified Restaurant Team Member (Hospitality)
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 - Certified HR Staffing Manager
 - Certified Human Resources Manager
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 - Certified Six Sigma Black Belt Professional
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 - Certified Logistics & SCM Professional
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& many more job related certifications

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