



QTP Training Course

Project Based Immersive Learning Course

QTP Training Course Overview

During the daily testing cycle, it is essential to manually check the application for each update. However, this manual process is time-consuming, requires significant human effort, and can be very costly. To address these issues, Automation Testing has been introduced. There are many automation tools available, but QTP is a popular choice due to its efficiency and reliability. QTP primarily uses VB scripting language to create code for dynamic applications quickly. This course will provide a comprehensive explanation of each line of code in a simplified manner, allowing you to gain expertise in this area upon completion. The skilled trainer leading the course will guide you through the key fundamentals of QTP. Furthermore, you will receive hands-on experience in using this tool to perform effective automation testing.

Benefits of QTP Training Course:

Taking a QTP testing tool course can provide numerous benefits to individuals interested in software testing. First, it allows them to gain expertise in using this efficient and reliable tool for automation testing, reducing manual effort and costs. A QTP testing tool course can provide individuals with a valuable skill set and enhance their career prospects in the software testing industry. Here are some of the benefits of using QTP:

- Creating automated tests with VBScript doesn't demand a highly proficient coder.
- The tool is user-friendly, provides easy navigation, results validation, and report generation capabilities.
- QTP can be quickly integrated with the HP-Quality Center test management tool.
- It can also be used for testing mobile applications.
- As an HP product, QTP receives complete support from HP.

Who should learn?

- Fresher's
- Quality Analysts
- Automation Testers
- Developers
- Manual Testers

Why do you need QTP Training Course?

Average Salary Growth:

According to the data available to me, the average salary growth of a QTP expert varies depending on their level of expertise and experience, as well as the industry and location of their work. In the United States, the average salary for a QTP expert ranges from \$65,000 to \$130,000 per year, depending on their experience and location. According to a report by Indeed, the average salary for a QTP expert in the United States was \$93,000 per year as of 2021.

Industries:

QTP (Quick Test Professional) is a popular automation testing tool used by many multinational corporations (MNCs) across various industries. The demand for QTP experts can vary depending on factors such as the size of the company, the nature of their business, and the complexity of their software applications. Many MNCs that develop software applications in-house rely on QTP experts to perform automation testing to improve the quality and efficiency of their software development process. According to various job

market analyses, MNCs such as IBM, Accenture, Infosys, Wipro, TCS (Tata Consultancy Services), Capgemini, Cognizant, Hewlett-Packard (HP), Oracle, Microsoft, are among the top companies that frequently hire QTP experts.

Position in Market:

The demand for QTP experts is expected to increase as companies continue to invest in automation testing to reduce the time and cost involved in manual testing. As more and more software applications are developed, the need for automated testing tools like QTP is likely to grow. QTP experts who have a strong understanding of software testing fundamentals, along with experience in using QTP to automate testing, are likely to be in high demand in the job market. According to some job research websites, the job outlook for QTP experts is positive, with a projected growth rate of 14% to 18% in the coming years.

Designations:

- Automation Test Engineer
- Automation Test Analyst
- Automation Test Lead
- Quality Assurance Engineer
- Quality Assurance Analyst
- Quality Assurance Manager
- Test Automation Developer
- Senior Test Automation Engineer
- Test Automation Architect
- Software Development Engineer in Test (SDET)

Why QTP Training Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**

- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- Project Planning
- Test Automation
- Frameworks
- Modular Driven
- Linear Scripting
- Structured Scripting
- Descriptive Programming
- Automation Object Model
- Object Repository
- Environment Variables
- Accessing Databases
- Working with XML
- Error Handling
- Test Data Generation
- Static Testing
- Coverage
- Configuration
- Test Managing
- Scheduling
- Defect Logging
- Tracking
- Analysis

QTP Training Course Syllabus

Module 1: (Introduction to Automation Testing)

- What is Automation Testing?
- When Automation is needed?
- When Automation is not needed?
- Advantages of Automation Testing
- Disadvantages of Automation Testing
- What are the popular Automation Tools in the industry?
- What is the difference between various Automation Testing Tools?

Module 2: (Introduction to QTP)

- QTP IDE , Basic Components in QTP , Addin Manager
- How does QTP works/Object recognition concept
- Record a sample Test
- Understand the Script
- Execution of a Test
- Enhancement of recorded script

Module 3: (Framework in QTP)

- What is Framework
- Types of Framework
- Linear Scripting
- Structured Scripting
- Data Driven
- Keyword Driven
- Modular Driven
- Hybrid

Module 4: (Object Repository)

- QTP Classes and Objects
- Details of OR
- Types of OR
- How to create OR
- Test Object vs Run time Object
- Configuring Object identification
- Object Spy
- Object Properties
- Logical Name

- Mandatory/Assistive properties /Ordinal identifier
- Smart Identification
- Compare and Merge options

Module 5: (Recording Modes)

- What is Recording Modes
- Types of Recording Modes
- Normal Recording Mode
- Analog Recording Mode
- Low Level Recording Mode

Module 6: (Checkpoints)

- What is Checkpoint
- Why Checkpoint is needed
- Types of Checkpoint
- Different ways of Inserting Checkpoints

Module 7: (Parameterization)

- What is Parameterization
- Why Parameterization is needed
- Types of Parameterization
- Data table, Random Number and Environment Number Parameterization
- How to access data from Global Sheet and Local sheet

Module 8: (Actions)

- What is Action
- Types of Actions
- Methods to import an Action
- Call to New
- Call to Existing
- Call to Copy

Module 9: (Regular Expression)

- Regular Expression
- When to Use Regular Expression
- How to use Regular Expression in Descriptive Programming

Module 10: (Recovery Scenarios)

- Handling the exception using Recovery Scenario Manager
- Usage of Recovery Scenario Wizard
- Completing a Recovery Scenario
- Creation and Association of .QRS file for Recovery Scenario

Module 11: (Step Generator)

- What is Step Generator
- How to Generate script using Step Generator
- Advantages & Disadvantages of using Step Generator

Module 12: (Virtual Object)

- What is Virtual Object
- When Virtual Object is used
- Limitations of Virtual Object

Module 13: (Debugging)

- When Debugging is used
- Step Into
- Step Out
- Step Over

Module 14: (Descriptive Programming)

- What is Descriptive Programming
- Types of Descriptive Programming
- Working with DP Object
- Working with Object Collection

Module 15: (Basics of VB Scripting)

- Data Types, Variables, Constant
- Operators-Arithmetic, comparison, Concatenation, Logical
- Conditional construct If Then Else and Select Case
- Looping Construct Do, While, For Next, For Each Next
- Arrays and Functions
- Important Inbuilt functions

Module 16: (Some real time Scenarios)

- How to start in real time projects
- How to connect to the Database
- How to get input value from the external excel sheet

Career Support

Profile Building:

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation:

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals:

Education Nest receives job requirements from various sources such as organizations, clients, HR consultants, and its extensive network of professionals employed in different companies. The organization endeavors to fulfill these diverse requirements to the best of its capacity.

Continuous Support:

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.