

# A Revolutionary Learning in IT

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# **Performance Testing Curriculum**

# **Performance testing Core concepts**

- What is performance testing?
- Why performance testing?
- Types of Performance testing

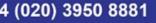
# **Types of Performance testing**

- Load Test
- Stress Test
- Spike Test
- **Endurance Test**
- Volume Test

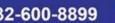
# Performance testing life cycle

- Requirement gathering
- Test Plan Design
- Script Design
- **Execution and Monitoring**
- Result Analysis and Reporting

















#### **Load-runner Installation**

- Load Runner architecture
- Load Runner Components
- Basic C
- LR functions ()

# **Recording Script using VUGEN**

- HTML Based Recording mode
- URL Based Recording mode
- Regenerate Script
- Replay Script with different sittings

# Introduction to Output window in VUGEN:

- Replay Log
- Recording Log
- Generation Log
- Vugen Runtime settings
- Naming the Transactions

#### **Parameterization**

- Definition of parameter
- Why parameterization is required
- Types of parameters
- **Using Existing Parameters**
- Using Parameter List













#### Correlation

- How to Handle Dynamic Values
- How to identify dynamic values
- Manual Correlation
- Auto Correlation

# **Error Handling and Rendezvous Point**

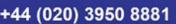
- Text Verification
- Size Verification
- Image Verification

#### Controller

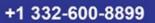
- Manual scenario
- Goal oriented scenario
- Scenario Design
- Schedule by Scenario & Group
- Real world & Basic Schedule
- Running load test in controller
- Vuser Status

















# **Introduction to Load generators**:

- What is load generator
- Why we need load generators

# **Analysis**

- Adding graphs
- Graphs settings
- Merge graph
- Analysis and creating Reports
- Monitor types
- Starting the monitors in the controller
- Measurements in the controller
- HTML Report Generation

#### **KEY FEATURES**



**Instructor-led Sessions** 



**Learn from Experts** 



**Assignments** 



24 x 7 Support



**Real-time Case Studies** 



**Get Certified** 

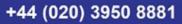
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