

Agile Testing (1 or 2 days)



Course Objective

- The course will provide an overview of Agile Frameworks and the role of the tester while addressing Agile Testing at every stage of the Agile or waterfall/hybrid lifecycle, and various Agile maturity levels
- The course will help you in boosting your knowledge regarding to testing roles, required skills and latest trends for Lean/Agile Projects
- The course will help you in learning the best practices and have hands-on testing experience for successful projects

Intended Audience

- Agile Team Members, Test Engineers, QA Specialists, Business Analysts, System Analysts, Software Engineers, Test Managers, Project Managers, Enterprise Architects

Course Outline

Agile Software Development

- Agile Manifesto
- Agile Methodologies (Scrum, XP, Kanban, SAFe etc.) and DevOps
- Comparison of Agile and Traditional Models (Agile vs Sequential Models)
- Scrum Framework (Artifacts, Roles and Meetings)

Agile Test Methods, Techniques and Tools

- Test Role in Agile Projects
- Test Levels and Types
- Story, Task and Acceptance Criteria
- Test-Driven Development, Acceptance Test-Driven Development, Behavior-Driven Development
- Risk Based Testing & Effort Estimation for Agile

- Release ve Sprint Management
- Testing Quadrant, Testing Tools Overview
- Principles, Best Practices ve Realities

Agile Engineering Practices & Activities

- Coaching the Team & Management
- Test and Defect Management
- Collaboration Tools
- Configuration and Release Management
- Continuous Integration / Delivery / DevOps
- Test Automation in Continuous Integration (aka Delivery Pipeline)
- Performance Tests and Static Code Analysis
- Cloud Integration
- Industrial Practices