

Generative AI for Testers**Duration – 16 Hours****Program Description**

Gen AI for Testers is a specialized program designed to help software testers harness the power of generative AI in testing workflows. The program covers foundational AI concepts, practical applications in test design and execution, hands-on use of AI-powered testing tools, and ethical considerations in adopting AI for quality assurance.

Participants will learn how to boost testing efficiency, accuracy, and coverage while preparing for the evolving role of testers in an AI-driven future.

Learning Outcomes

- Understand the fundamentals of Generative AI and its relevance to software testing.
- Apply generative AI techniques to test case design, data generation, and defect detection.
- Use AI-powered tools to enhance test automation, coverage, and efficiency.
- Analyze the benefits and limitations of generative AI in testing workflows.
- Identify ethical concerns, biases, and guardrails in AI-driven testing practices.
- Anticipate emerging trends and the future role of AI in software testing.

Course Topics

- ❖ Introduction to Generative AI
- ❖ Generative AI in Software Testing
- ❖ Using Generative AI Tools for Testing
- ❖ Ethical Considerations and Future of Generative AI in Testing

Modules can be customized to suit client's specific needs and duration accordingly