



DURGA
ANALYTICS

The Enterprise Blueprint for AI in Quality Assurance

A structured program to build your AI-powered QA organization.

CORPORATE • HANDS-ON • ENTERPRISE-READY

Traditional QA is Reaching Its Limits. The Future Demands More.

SECTION A-1: VELOCITY

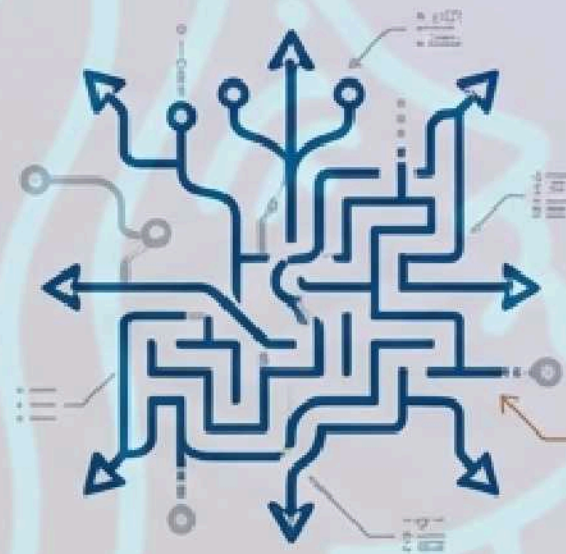


CRITICAL PATH:
TIME TO MARKET

The Velocity Imperative

Continuous delivery cycles have compressed testing windows, making manual regression a primary bottleneck.

SECTION B-1: COMPLEXITY



RISK FACTOR:
INTEGRATION
COMPLEXITY

The Complexity Barrier

Microservices, distributed systems, and intricate user journeys have made comprehensive test coverage exponentially harder to achieve and maintain.

SECTION C-1: AI ADOPTION



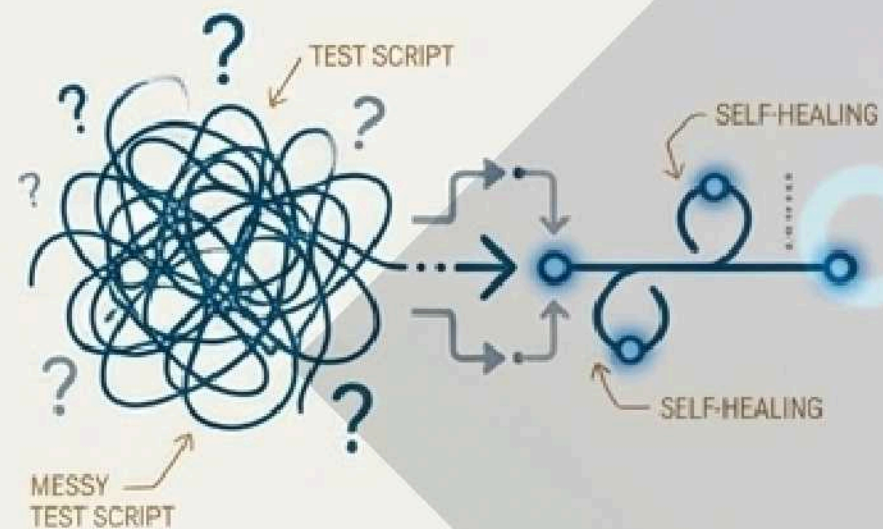
SKILL GAP:
AI/ML EXPERTISE

The AI Revolution

Teams must now not only leverage AI as a tool for efficiency but also develop the new, specialized skills required to test AI/ML systems themselves.

Envision Your AI-Augmented QA Team

SECTION A-1: MESSY



Testing Faster

Drastically reduce test creation and maintenance time with GenAI-powered design and self-healing automation.

SECTION B-1: PREDICTIVE



Testing Smarter

Move from reactive bug-finding to proactive quality assurance, using AI to predict risks, prioritize efforts, and optimize coverage.

SECTION C-1: ACVER



Testing with Higher Confidence

Achieve deeper test coverage and ship complex products with reduced release risk, backed by data-driven quality signals.

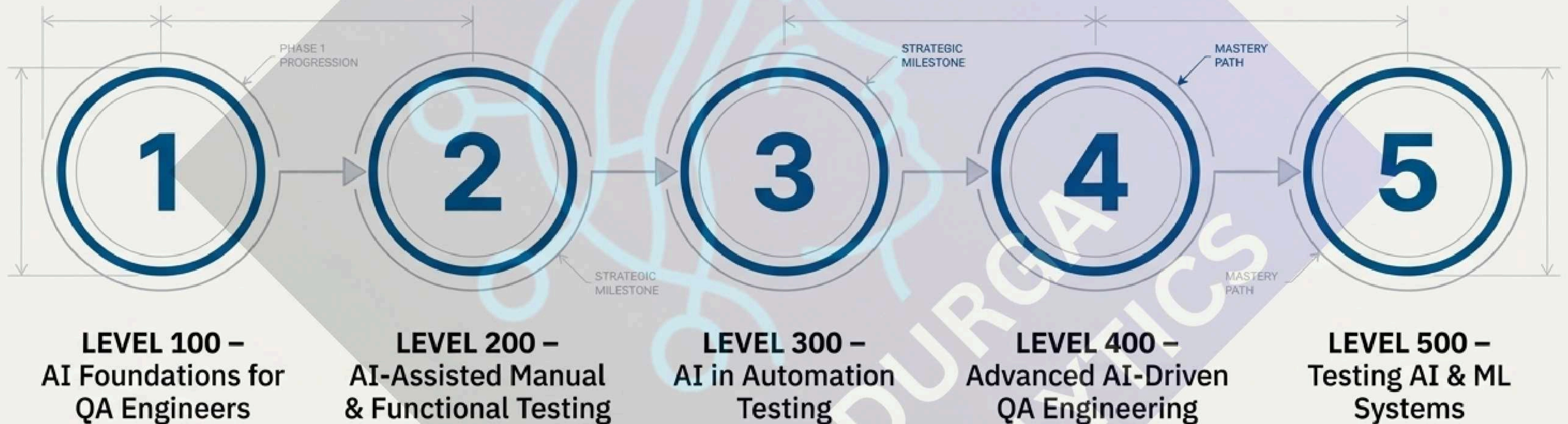
This Isn't About Turning Testers into Data Scientists.

It's about empowering your existing QA talent with AI-native skills, building on their domain expertise to deliver immediate impact.



Our program is **designed for manual testers, automation engineers, and SDETs** — not data scientists. We provide the practical AI skills they can apply on the job from day one.

Your Team's Journey from Foundational AI to Strategic Mastery





LEVEL 100: Laying the Groundwork with AI Foundations for QA

PURPOSE

Demystify AI, establish a common language, and ground your team in the practical risks and opportunities of AI within the enterprise SDLC.

KEY SKILLS COVERED

- Generative AI vs Classical ML: A Tester's View
- AI Risks, Hallucinations & Validation
- Using AI Without Violating Compliance
- Identifying Where AI Fits in the SDLC & STLC
- Case Study: QA Team Before & After AI



LEVEL 200: Unlocking Immediate Productivity in Manual & Functional Testing

PURPOSE

Equip your team with Generative AI techniques to accelerate test design, improve test data quality, and enhance defect analysis.

KEY SKILLS COVERED

- Functional Test Case Generation using GenAI
- Boundary & Edge Case Discovery with AI
- AI-Based Test Data Generation
- Root Cause Hypothesis Generation for Defects
- Regression Scope Reduction using AI



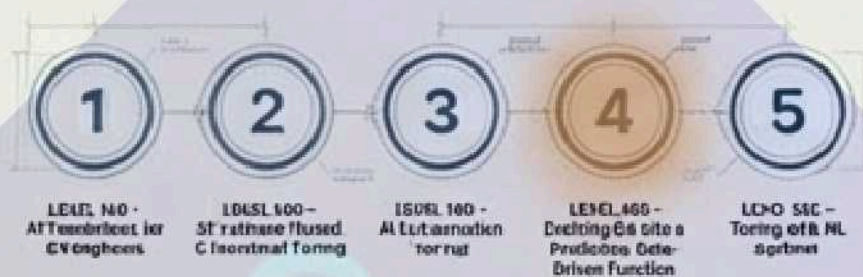
LEVEL 300: Building Resilient & Self-Healing Automation

PURPOSE

Move beyond fragile scripts. Learn to build and maintain automation that intelligently adapts to application changes, detects flakiness, and provides smarter analytics.

KEY SKILLS COVERED

- Self-Healing Automation Architecture
- AI-Based Locator Strategies & Dynamic UI Handling
- Visual Testing with AI (DOM vs Pixel)
- Flaky Test Detection & Pattern Recognition
- CI/CD Pipeline Intelligence & Build Failure Diagnosis



LEVEL 400: Evolving QA into a Predictive, Data-Driven Function

PURPOSE

Empower your senior engineers to leverage AI for strategic decision-making, shifting the QA function from defect detection to defect prevention.

KEY SKILLS COVERED

- Risk-Based Testing using AI Signals
- Change Impact Analysis with AI
- Release Readiness Scoring & Predictive Quality Metrics
- AI-Based Root Cause Analytics
- Autonomous Testing Concepts & Human-in-the-Loop Models



LEVEL 500: Mastering the New Frontier of Testing AI & ML Systems

PURPOSE

The ultimate skill for a future-ready QA team. Gain the specialized knowledge to validate the quality, fairness, security, and reliability of AI-powered products.

KEY SKILLS COVERED

- Data Quality, Bias, and Fairness Testing
- Model Drift Detection & Monitoring in Production
- Adversarial Input & Security Testing for AI
- Regulatory Expectations (EU AI Act, ISO)
- Capstone Project: AI System Test Strategy

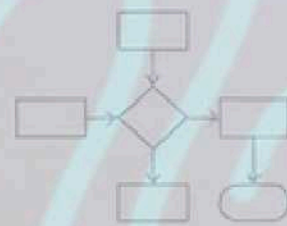
An Enterprise-Ready Program Built on Four Core Principles

PRINCIPLES 1-4

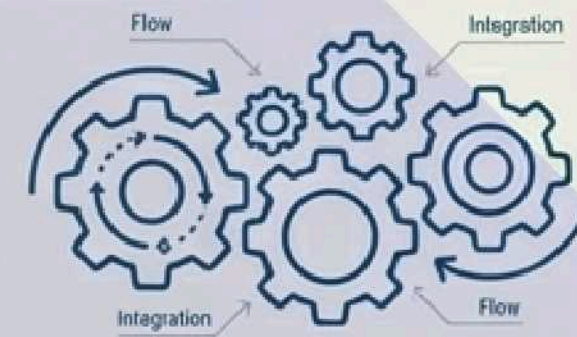


1. For Testers, Not Data Scientists

Leverages existing QA expertise for faster adoption and immediate on-the-job application.



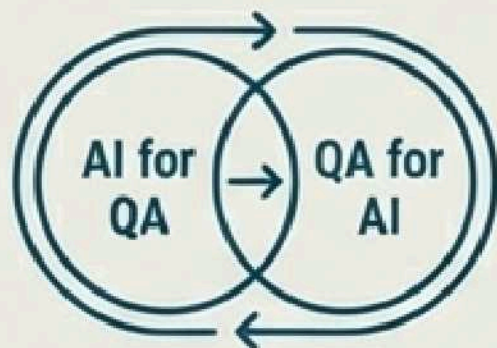
INTEGRATED PROGRAM



2. Tool-Agnostic & Enterprise-Friendly

Focuses on core concepts that apply across your existing and future toolchain. No vendor lock-in.

SCOPE DEFINITION

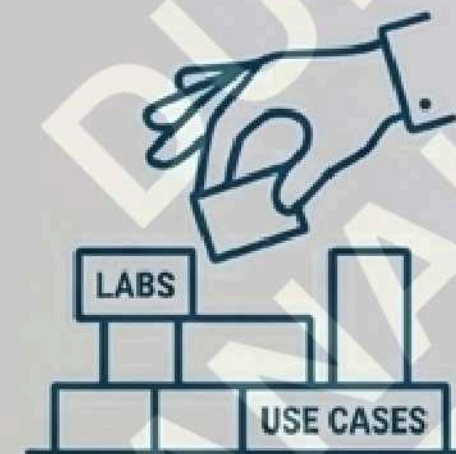


3. Unmatched Scope

The only program covering both using AI for testing *and* the critical skills for testing AI systems.

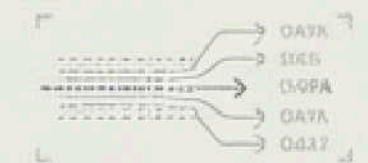


SCOPE DEFINITION



4. Practical & Hands-On

Curriculum is built around corporate labs and real-world enterprise use cases, ensuring skills are deployable.



Flexible Delivery Models for Your Organization's Needs

Corporate Cohort

(Instructor-Led)

Live, interactive sessions with our experts plus hands-on labs. Ideal for team-based, collaborative learning.

Enterprise Custom

A fully tailored program. We adapt content to be role-based and tool-specific for seamless, org-wide enablement.

Self-Paced (Video + Labs)

On-demand video modules and lab access for individual learners who require maximum flexibility.

Authored by Enterprise QA Leaders and AI Practitioners



Our curriculum is developed and taught by professionals with deep, hands-on experience in enterprise testing, automation, and the practical application of AI in large-scale engineering organizations.

Take the Next Step

Let's discuss how to build your team's AI roadmap.
Request a detailed curriculum, a sample module,
or a formal corporate proposal.



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Or Contact via WhatsApp:
[+91 9560116736](https://wa.me/919560116736)

We'll provide access to the full curriculum, lab datasets, and project briefs.