

Technology Enabled Continuous Improvement 1 day

A practical workshop exploring how automation and AI can strengthen your Continuous Improvement capability.

Automation and AI are reshaping how organisations work, and how they improve. This practical one-day workshop cuts through the hype, helping Continuous Improvement practitioners and Change Agents understand what these technologies can do, where they fit within Continuous Improvement.

This field has grown rapidly, often leading to costly and difficult learning experiences for organisations. Our programme simplifies those lessons, offering key insights to help you understand and use these systems effectively. The aim is to explore the benefits of automation and AI for your business and teams, with an emphasis on practical applications rather than technical specifics. It is more about exploration than mastery, designed to make Continuous Improvement practitioners more comfortable with technology and curious to learn more. The course draws on several real-world case studies.

What You'll Learn

By the end of this programme, you will be able to:

- Explain the principles and practical role of automation and AI in Continuous Improvement
- Recognise how these technologies help organisations become more efficient and effective
- Connect automation and AI with Lean and Lean Six Sigma, so efforts are aligned and mutually supported
- Explore process mining and how it can accelerate and inform improvement projects
- Identify how, when and where automation and AI are most relevant in their own organisations
- Navigate rapid technological change while guiding both technical and behavioural adoption

Delivery Format

- Available as virtual open classroom session
- Offered as in-company training (on-site or virtual), tailored to needs

Accreditation

- Contributes to BQF accredited Business Black Belt certification
- Worth 8 CPD points

Who Should Attend?

- Continuous Improvement practitioners, Lean Six Sigma professionals, Operational Excellence teams, Change Agents and business leaders who want to better understand the role of automation and AI in modern improvement activity.
- Individuals and teams responsible for improving processes, supporting transformation initiatives or helping organisations adapt to rapidly changing technology and business environments. No technical background is required.

Why Choose This Course?

- Designed specifically for Continuous Improvement and Operational Excellence professionals
- Focused on practical business application rather than technical complexity
- Helps build confidence in discussing and exploring automation and AI opportunities
- Connects emerging technologies with established improvement approaches and methodologies
- Uses real organisational examples and practical discussion throughout
- Content is regularly updated to reflect the fast-moving technological landscape

Course Content

Origins and Evolution: The programme explores the development of technology-enabled improvement and the growing role of automation and AI within modern organisations. Delegates gain an understanding of how digital capabilities are shaping continuous improvement and operational excellence.

Exploration and Insight: Delegates are introduced to key themes within the evolving digital and automation landscape, exploring how emerging technologies can support process improvement, decision making and organisational performance.

As this area continues to advance rapidly, programme content is reviewed and updated regularly to reflect current trends, developments and business applications.

Real Business Application for the CI Practitioner: The programme concludes with practical business examples and discussion, helping delegates consider how technology-enabled improvement approaches can be applied within their own organisations to support transformation and continuous improvement initiatives.

Why Choose Catalyst?

Catalyst delivers results, not just services. We blend consulting, coaching, training, and AI-powered tools into a seamless support system that meets teams where they are, developing capability at every level.

Thousands trust us to support their learning and Continuous Improvement journeys – we’ve specialised in Lean Six Sigma Training and Consultancy for over 30 years. We’re known for sharing our knowledge in an accessible and interactive way. Look no further for relevant, relatable content, built by experts and accredited by the British Quality Foundation and the Lean Competency System (LCS). We are the BQF’s primary Lean Six Sigma partner and recommended by the Chartered Quality Institute.