Discovering Agentic AI Opportunities

Identifying, Evaluating, and Prioritizing High-Value Opportunities for AI Agents in Business Processes

2 DAYS | 14 ENGAGEMENT HOURS | TEAM TRAINING AVAILABLE | ELEARNING COMING SOON | 1.4 CEUs / 14 IIBA PDUs OR CDUs

Course Overview

Inteq's Discovering Agentic AI Opportunities course provides a structured, business-oriented methodology for identifying, evaluating, and prioritizing where AI agents create measurable value across enterprise business processes.

Most organizations approach agentic AI backwards - starting from the technology and searching for places to apply it, or targeting high-volume task work that RPA already handles well. The result: stalled pilots and low-value automation.

Agentic value originates elsewhere - in the decisions embedded in your processes, where work waits for judgment and decision latency consumes most elapsed time. RPA follows rules. AI agents reason and act. This is where the course starts.

Business Impact

Over two immersive days, participants apply five analytical discovery lenses to surface judgment-intensive, delegable work; assess candidate opportunities across value, feasibility, risk, and readiness; classify tasks by appropriate autonomy level using a five-tier taxonomy; and quantify end-to-end economic impact through agent value stream mapping.

Through hands-on exercises and applied case work using professional frameworks and templates, individuals and teams build prioritized agent opportunity portfolios with sequenced deployment roadmaps.

The result: a disciplined, repeatable methodology for discovering high-value agent opportunities - the analytical foundation for confident, defensible AI investment decisions.

You will learn

Professional capabilities you and your team can apply immediately.

- Define AI agents and agentic AI using precise, shared enterprise terminology
- Identify where AI agents create value and understand the five core agent components
- Apply five analytical discovery lenses to reveal reasoning- and judgment-intensive opportunities
- Evaluate candidate opportunities across value, feasibility, risk, and readiness
- Classify tasks using the five-tier autonomy taxonomy
- Use agent value stream mapping to quantify end-to-end economic impact
- Build prioritized opportunity portfolios and sequenced deployment roadmaps
- Recognize discovery anti-patterns and strengthen the business case for AI agent investment

Detailed Course Outline

A structured framework for discovering, evaluating, and prioritizing high-value AI agent opportunities

Course Overview

AI Agent and Agentic AI Foundations

- Clear definitions of AI agents and agentic AI
- Distinguish AI agents from traditional automation, RPA, conventional AI, and copilots
- A shared vocabulary - including autonomy, delegated authority, guardrails, escalation, orchestration, and agentic process - that forms the conceptual foundation for agentic AI and AI agents

Creating Enterprise Value with AI Agents

- Framework for identifying where AI agents create value
- The five core components of every AI agent
- How the components fit and reinforce synergistically to create value

Agentic Process Discovery and the Five Discovery Lenses

- The five discovery lenses
- How each component of an AI agent creates specific business analysis requirements for agent specification, design, and deployment across enterprise processes
- Moving from traditional automation assessment to discovering reasoning- and judgment-intensive opportunities

Agent Opportunity Assessment and Portfolio Prioritization

- Structured evaluation of candidate processes
- The four weighted dimensions model
- Develop a value-based portfolio including deployment roadmaps

Task Autonomy and the Five-Tier Taxonomy

- The five-tier autonomy taxonomy
- Human-on-the-Loop vs. Human-in-the-Loop
- Fully Autonomous vs. Human-Initiated vs. Human-Only
- Structured classification methodology, stakeholder validation, and phased autonomy evolution planning

Agent Value Stream Mapping and Economic Impact Visualization

- Agent-adapted value stream mapping technique to visualize end-to-end processes
- Autonomy tier annotations
- Queue elimination modeling and bottleneck migration analysis
- Comprehensive current-state to future-state economic impact analysis

Case Study and Applied Frameworks

Hands-on workshop exercises that build practical competency through structured templates applied to real-world business processes.

Discovery Anti-Patterns and Practical Guidance

- Recognize and avoid six common discovery pitfalls
- Dependency management and deployment sequencing
- Building the business case for AI agent investment

Who Should Attend

- Business and Systems Analysts
- Process Owners and Managers
- IT Leaders, Developers, and IT Professionals
- Business Functional Managers and Leadership
- Project and Program Managers
- Subject matter experts and business professionals focused on process improvement and Agentic AI opportunities

Course Includes

- 1.4 CEUs and 14 IIBA PDUs or CDUs
- Personalized digital badge
- Certificate of completion
- Comprehensive course manual
- Frameworks, assessment techniques, classification methods, and templates

Live Team Training is available now. Anytime eLearning is coming soon.

Prerequisites and Curriculum Alignment

None. No previous agentic AI, AI development, programming, data science, or technical experience is required. The course introduces the concepts, vocabulary, and analytical frameworks systematically.

- Focuses on the front end of the agentic AI lifecycle: identifying where AI agents should be considered and which opportunities warrant investment
- Complements Inteq business analysis, process analysis, process transformation, and data modeling training
- Provides the prerequisite foundation for Inteq's Analyzing & Specifying AI Agent Business Requirements course
- Establishes the shared vocabulary and discovery discipline needed before detailed agent requirements, design, and implementation