AgileSparks

Challenging your comfort zone

Sparking Innovation: Agile & AI Learning and Implementation

Course Catalog

Sparking Innovation:
Agile & AI Learning and Implementation

Becoming Agile and harnessing the power of AI is a journey. AgileSparks is the spark to light your way. We believe that achieving true agility, technical excellence, and AI-driven innovation comes from adopting the right mindset and culture throughout the organization. Every business is unique, and success lies in choosing the approach that best fits your organization's context, culture, and strategic goals.

Our team's expertise spans industries and domains, working with companies delivering Web/SaaS products, embedded software, cyber-physical systems, Tier 1 networks, medical devices, military systems, and AI-driven solutions. This deep and varied experience allows us to guide organizations toward agility and AI adoption in a way that is tailored specifically to them, increasing the chances of a successful and sustainable implementation.

Our Mission

Since 2008, AgileSparks has helped over 550 clients achieve ambitious results, including leading global companies such as Intel, AT&T, Philips, Siemens, Gillette, Novartis, Salesforce, Applied Materials, Amdocs, NICE, Check Point, Nova, Imperva, Riskified, JFrog, and others, as well as major business organizations and key institutions in Israel, including Bank Hapoalim, Bank Discount, Rafael, Unit 8200, Harel, Phoenix, and more.

We build long-term relationships with our clients and partners based on trust, expertise, and a commitment to continuous success evaluation.

Why Choose Us?

Experience. Experience. Experience. The AgileSparks Way is our proven approach for implementing widespread organizational change in a focused, managed, and incremental way driving measurable results in both Agile transformation and AI adoption.

Our Approach to Agile and AI Integration

Agility and AI are powerful enablers of innovation, efficiency, and competitiveness. However, successful integration requires more than just implementing frameworks or tools it demands a strategic approach tailored to the organization's needs.

At AgileSparks, we help companies blend Agile methodologies with AI-driven capabilities to unlock new levels of adaptability and intelligence. Our approach focuses on:

- **Agile as the Foundation** – Building a flexible, customer-centric organization that can rapidly adapt to change.
- **AI as the Accelerator** – Leveraging AI to enhance decision-making, automate processes, and drive innovation.
- **Pragmatic Implementation** – Ensuring AI and Agile strategies align with business goals, culture, and operational realities.

Rather than applying a one-size-fits-all model, we work closely with our clients to craft a tailored roadmap for Agile and AI integration helping them navigate complexities, avoid common pitfalls, and maximize value.

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AI Scrum Master:
The Next Generation
Scrum Master

1 day

Overview

As organizations demand greater value, increased transparency, and more accurate forecasting, the role of the Scrum Master is becoming more complex. The next generation of Scrum Masters leverages AI as a strategic thinking tool and a performance enhancement assistant rather than just a static source of information.

This course will focus on the key challenges Scrum Masters face and how AI can serve as a strategic partner in improving team performance, forecasting, and planning.

Goals

- Equip Scrum Masters with AI-powered tools to enhance team performance, forecasting, and backlog management.
- Provide practical techniques to integrate AI into daily workflows.
- Improve decision-making and efficiency through AI-driven insights.
- Position the Scrum Master as a change agent for AI adoption within the team and organization.

Who Should Attend

- Scrum Masters who are looking to enhance their impact with AI.
- Agile Coaches aiming to integrate AI into team coaching.
- Product Owners & Leaders seeking data-driven decision-making support.
- Anyone in Agile Teams who wants to leverage AI for team optimization.

Prerequisites

- Basic knowledge of Scrum principles and Agile frameworks.
- Familiarity with team performance metrics (Burndown, Cycle Time, Velocity).
- Interest in leveraging AI for decision-making and efficiency.

Course Topics

Module 1: Agile and AI – How AI is Changing the Way Teams

AI is transforming the way agile teams operate. This module will explore the opportunities, challenges, and risks of integrating AI into team workflows.

- What is AI, and how does it work?
- How does AI impact the way teams function?
- What advantages does AI offer organizations and agile teams?

Module 2: Prompts – The Key to Effective AI Communication

AI communication is based on prompting, meaning that clear and precise prompts must be used to maximize its capabilities and improve interaction.

- How can we ensure that AI provides deep insights rather than superficial responses?
- How can effective prompts be crafted that assist Scrum Masters in making informed decisions?
- Customizing prompts for different Scrum Master challenges.

Exercise: Participants will create and refine smart prompts, run them through AI, and analyze real team performance data.

AI Scrum Master:
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Scrum Master

1 day

Course Topics - Continued

Module 3: Team Performance Analysis – AI as an Analytical Assistant

The Scrum Master is responsible for improving team performance using data, but how can AI assist in this process?

- Analyzing key performance graphs: Burndown, Cycle Time, Velocity.
- Using the Burndown Chart to assess adherence to forecasts.
- Identifying bottlenecks through Cycle Time analysis.
- Leveraging Velocity for future performance predictions and forecast accuracy.

Exercise: Participants will analyze real sprint graphs and receive AI-generated insights.

Module 4: Backlog Refinement and Task Breakdown with AI.

The quality and clarity of the backlog significantly impact team performance

- How can AI assist in breaking down and defining tasks correctly?
- Using AI to propose smart breakdowns of large epics.
- Preventing work carryover between sprints by ensuring tasks fit within sprint constraints.
- Identifying potential backlog issues before they cause delays.

Exercise: Participants will input task descriptions, and AI will assist in refining and breaking them down into smaller stories.

Module 5: Meeting Analysis and Summary Using AI.

Extracting insights from retrospectives and daily stand-ups can be time-consuming and sometimes unfocused. How can AI make the process more efficient and accurate?

- How can AI analyze retrospective meetings and generate actionable insights?
- Using AI to detect recurring issues in meeting summaries.
- Automating the process of deriving key takeaways from team discussions.

Exercise: Participants will use AI to analyze meeting summaries and generate structured action plans.

Module 6: The Scrum Master as a Change Agent – Implementing AI in Teams and Organizations

Driving change is a central aspect of the Scrum Master's role. In this module, we will explore ways to implement AI effectively within teams and across organizations.

- Managing change and positioning AI as a strategic thought partner.
- Using AI to support development, testing, and coding processes.
- Identifying additional areas where the Scrum Master can lead AI adoption.

Discussion: Participants will explore new AI-driven opportunities within their organizations.

Module 7: Conclusion & Practical AI Integration for Scrum Masters.

Participants will leave the course equipped with practical tools for integrating AI into their daily workflows.

- How to create an AI Playbook – a personalized guide for various AI use cases.
- How to make AI an integral part of daily Scrum Master responsibilities.
- Final discussion: What is the first AI-driven change each participant will implement in their team?

AgileSparks

AI-Driven Agile Product Management - Essentials

1-3 Days

Overview

This AI-Driven Agile Product Management training empowers Product Managers and Product Owners to enhance their pivotal roles in the Agile development cycle. This is not a theoretical course, participants will experience hands-on how AI can help shape product vision, refine backlog management, elevate user experience design, and much more. The workshop focuses on integrating AI to boost efficiency and innovation in a manner that can be immediately applied in participants' day-to-day.

Goals

- **Understand the roles of Product Owner and Product Manager:** Working in an Agile environment enhanced by AI tools.
- **AI-Augmented Backlog Management:** Increasing efficiency and practicing writing and decomposing Epics Features and Stories using AI.
- **Data-Driven Improvement:** Adopt AI for UX design, prioritization, roadmapping, and tracking KPIs for ongoing enhancement.

Who Should Attend

Product Managers, Product Line Managers, Product Owners, Business Owners, Business Analysts, R&D Managers, Team Leaders and System Architects.

Prerequisites

Basic knowledge of Agile and PO/PM roles.

Course Topics

Introduction to Agile, Scrum, and AI - Basics of Agile methodologies, Scrum framework, and AI technologies that support Agile practices.

Product Owner and Product Manager roles & responsibilities - Common patterns in PO vs. PM roles and how AI can augment these roles.

Design Thinking - What is Design Thinking and the double diamond process.

User research - What are common user research methods and which are appropriate for different situations.

User Interviews - When, whom and how to interview users, including user interview simulations including how to leverage AI.

Personas and empathy mapping - Leveraging AI to analyze customer interviews, create detailed personas, perform empathy mapping, and gather feedback through AI simulations.

Impact mapping - What is Impact Mapping and when to use it, applying it in practice.

Product backlog - The basic principles of effective backlog management.

Prioritizing - Prioritizing large items (features/epics) via WSJF and prioritizing user stories.

Writing epics and features: Leveraging AI to craft impactful Epics and Features that align with user needs and business goals.

Continue...

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AI-Driven Agile Product Management - Essentials

1-3 Days

Course Topics - Continued

Adopting an incremental interactive approach: The preferred method for building products incrementally and iteratively to maximize value and flexibility.

User Story mapping - Breaking down large features into MVPs/MMFs using User Story Mapping and AI tools to refine and prioritize effectively.

Lean UX and API UX - Leveraging AI to create and improve UX of UI and APIs.

Writing user stories - Enhancing user story writing and acceptance criteria via AI.

Story splitting - common splitting patterns, leveraging AI to split real stories.

Roadmapping - Considerations and best practices for effective roadmapping and release planning.

Visibility and KPIs for a data-driven approach – Closing the feedback loop of value, commonly used KPIs.

Continuous discovery and transparency of the product discovery life cycle - Common steps in the product discovery life cycle, epic/feature kanbans for visibility.

Communicating with customers - Different communication styles, overcoming typical challenges when communicating with customers.
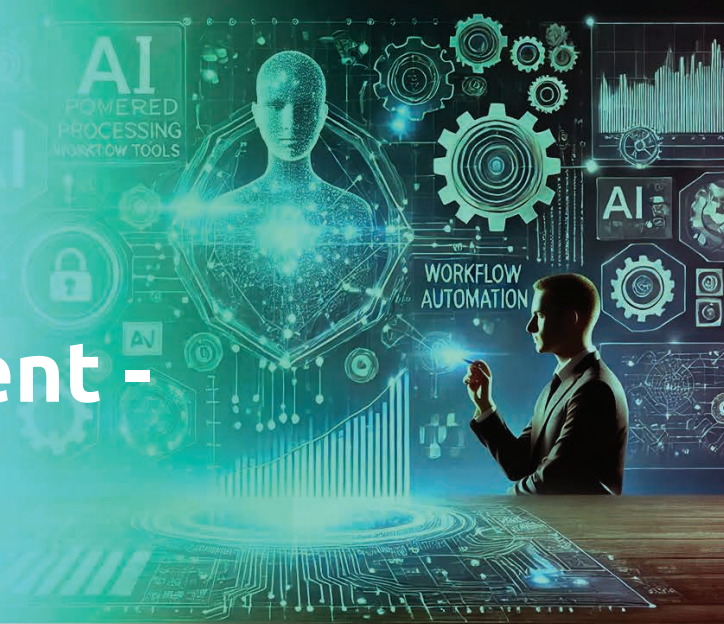
Time Management - POs and PMs are incredibly busy, managing the time to achieve the things that really matter.

Note

- Duration is 1-3 days depending on topics selected. The content can be adjusted to be applicable for beginners or advanced participants.
- Considering the rapidly evolving landscape of AI capabilities, the training content may be updated to include new or revised topics as appropriate.
- The order of the topics may change to accommodate the flow of the training.
- Productizing AI into your product's roadmap will not be covered.
- There is a need to ensure that the relevant AI tools and their full features/modalities will be accessible to the participants.

AgileSparks

AI-Driven Agile Product Management - Advanced

1-3 Days

Overview

This AI-Driven Agile Product Management training empowers Product Managers and Product Owners to enhance their pivotal roles in the Agile development cycle. This is not a theoretical course, participants will experience hands-on how AI can help shape product vision, refine backlog management, elevate user experience design, and much more. The workshop focuses on integrating AI to boost efficiency and innovation in a manner that can be immediately applied in participants' day-to-day.

Goals

- **Understand the roles of Product Owner and Product Manager:** Working in an Agile environment enhanced by AI tools.
- **AI-Informed Strategy:** Increasing the efficiency and practicing writing and decomposing Epics Features and Stories using Al.
- **AI-Augmented Backlog Management:** Increasing efficiency and practicing writing and decomposing Epics Features and Stories using AI.
- **Data-Driven Improvement:** Adopt AI for UX design, prioritization, roadmapping, and tracking KPIs for ongoing enhancement.

Who Should Attend

Product Managers, Product Line Managers, Product Owners, Business Owners, Business Analysts, R&D Managers, Team Leaders and System Architects.

Prerequisites

Advanced knowledge of Agile and PO/PM roles.

Course Topics

Product Owner and Product Manager Roles & Responsibilities - common patterns in PO vs. PM roles and how AI can augment these roles.

Design Thinking - what is Design Thinking and the double diamond process.

Crafting a Product Vision with AI Insights - AI-driven market analysis and consumer sentiment analysis to create a more effective product vision and strategy.

User research - What are common user research methods and which are appropriate for different situations.

User interviews - When, whom and how to interview users, including user interview simulations including how to leverage AI.

Personas and empathy mapping - Leveraging AI to analyze customer interviews, create detailed personas, perform empathy mapping, and gather feedback through AI simulations.

Impact mapping - What is Impact Mapping and when to use it, applying it in practice.

Journey mapping - Using journey mapping to understand the flow and empathize throughout the user journey.

Prioritizing - prioritizing large items (features/epics) via WSJF and prioritizing user stories.

AgileSparks

AI-Driven Agile Product Management - Advanced

1-3 Days

Course Topics - Continued

Writing Epics and Features - Leveraging AI to craft impactful Epics and Features that align with user needs and business goals.

Adopting an incremental interactive approach - the preferred method for building products incrementally and iteratively to maximize value and flexibility.

User Story mapping - Breaking down large features into MVPs/MMFs using User Story Mapping and AI tools to refine and prioritize effectively.

Lean UX and API UX - Leveraging AI to create and improve UX of UI and APIs.

Roadmapping - Considerations and best practices for effective roadmapping and release planning.

Visibility and KPIs for a data-driven approach – Closing the feedback loop of value, commonly used KPIs.

Continuous discovery and transparency of the product discovery life cycle - Common steps in the product discovery life cycle, epic/feature kanbans for visibility.

Time Management - POs and PMs are incredibly busy, managing the time to achieve the things that really matter.

Note

- Duration is 1-3 days depending on topics selected. The content can be adjusted to be applicable for beginners or advanced participants.
- Considering the rapidly evolving landscape of AI capabilities, the training content may be updated to include new or revised topics as appropriate.
- The order of the topics may change to accommodate the flow of the training.
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AgileSparks

AI in Action: Practical Tools for Workplace Excellence

½ day

Overview

Step into the future of work and become the superhero of your workplace! Generative AI tools like ChatGPT are no longer optional—they're essential. This workshop will equip you with the skills to harness the full power of AI, transforming how you solve problems, make decisions, and boost productivity.

In just half a day, you'll learn to:

- Use effectively cutting-edge AI tools like ChatGPT and Claude
- Use AI to supercharge your creativity and productivity

This workshop will be tailored to the specific needs of your role.

Goals

- Understand how AI is shaping work and how it is likely to impact it in the next few years.
- Get More from Your AI: Learn how to fine-tune prompts for clearer, more accurate results from language models.
- Unlock New Uses for AI: Explore practical ways to apply AI across your projects and challenges.
- Easily Add AI to Your Toolkit: Quickly integrate AI into your existing systems and processes with minimal coding effort.
- Understand the constraints and limitations of GenAI.

Who Should Attend

- Anyone interested in expanding their AI capabilities.
- No programming knowledge is required!

Prerequisites

A short interview with a few representative participants will be conducted before the workshop to understand the context and tailor the experience.

Course Topics

- Overview of Generative AI. What it is and what it is not
  - A short history of AI.
  - AI Today - The State of the Art of how organizations and individuals use AI.
  - The future of AI. Will AI replace you? Will it take over the world?
  - The models arms race.
  - Evolution of tools.

- Overview of LLMs (ChatGPT , Claud, Gemini), their behavior and settings
  - Overview of ChatGPTs features. Plugins, sharing, cutoff date, saved chats. Quotas. Team subscription. Phone app features.
  - Comparing different LLMs.
  - LLM Plugins: Web browsing, data analysis, plugins store, Canva...
  - Output format & paste into other editors (Google Docs, slide, spreadsheet).
  - Hallucination and validation.
  - Privacy & IP concerns

AgileSparks

AI in Action: Practical Tools for Workplace Excellence

½ day

Course Topics - Continued

- Principles of Prompt Engineering
    - Writing clear and specific instructions.
    - Providing context: Who are you, who am I, who am I targeting.
    - Specifying output format.
    - Providing examples.
    - Chain-of-Thought - Giving the model time to think.
    - Task size (Tokens window).
    - Prompting hacks.
    - Iterating on results.
    - Prompt libraries.

- Common use cases
    - Summarizing meetings and documents.
    - Expanding ideas and content creation.
    - Data analysis.
    - Image creation.
    - Format conversion.
    - Iteration.
    - Thinking with ChatGPT.
    - Analyzing pictures.
    - Analyzing documents.
    - Generating content.

- Beyond vanilla LLMs
    - The limitation of generic models (cutoff, context).
    - Model customization: RAG, model fine-tuning.
    - Agents.

- Overview of other AI-based key tools
    - Creating slides.
    - Unleashing your creativity by using genAI as a programmer.
    - Hosting a web page generated by AI.

- Summary: The AI-first mindset.

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AI in Action: Practical Tools for Executives

½ day

Overview

Step into the future of work and take the first step into the essential AI tools that are transforming business leadership. This intensive workshop will equip executives with practical skills to harness AI's potential, enhancing decision-making, productivity, and strategic thinking.

Goals

- Understand how AI is reshaping executive work and its future impact.
- Learn and Practice Prompt Engineering tailored to your needs for clearer, more accurate results.
- Develop practical applications of AI for leadership challenges.
- Learn to integrate AI tools into existing workflows.
- Understand the constraints and opportunities of generative AI.

Who Should Attend

- Executive leaders and senior managers
- Department heads and decision-makers
- No programming knowledge is required!

Prerequisites

A short interview with representative participants will be conducted before the workshop to understand specific needs and tailor the experience to the context.

Course Topics

Module 1: AI Foundations

- Overview of Generative AI and its business impact.
- The current state of AI in organizations.
- Leading AI models comparison (ChatGPT, Claude, Gemini, Perplexity, others).
- Future trends and implications for leadership.

Module 2: Essential AI Tools

- A dive into enterprise AI platforms.
- Features and capabilities of different AI tools.
- Privacy and security best practices.
- Hands-on practice with key features.

Module 3: Practical Applications

- Advanced prompt engineering techniques
  - Writing effective instructions.
  - Context optimization.
  - Output formatting.
  - Best practices for business use.
- Common executive use cases:
  - Strategic analysis and decision-making.
  - Document and meeting summarization.
  - Content creation and presentation.
  - Data analysis and visualization.

Module 4: Implementation Strategy

- Integration into daily workflow.
- Team collaboration with AI tools.
- Best practices and limitations.
- Action planning for your role.

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AI in Action: Practical Tools for Executives

½ day

Workshop Format

- Interactive demonstrations.
- Hands-on exercises.
- Real-world case studies.
- Practical application to current challenges.

Materials Provided

- Digital workshop materials.
- AI tools quick-reference guide.
- Best practices handbook.

Technical Requirements

- Laptop with internet connection.
- Access to specified AI platforms (details provided upon registration).

Optional follow-up support

- Follow-up consultation sessions.
- Access to a resource library.

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AI-Driven Leadership: AI-tailored Coaching Session

½ day

Overview

Elevate Your Performance with the Power of AI

Uplift your performance and your team's potential in just 4 hours with our tailored coaching session, personally adusted for managers and executives.

We provide the tools, strategies, and expertise to help you integrate AI into your workflows, boost decision-making, and achieve measurable performance improvements.

What We Offer

- **Personalized Coaching:** Tailored 1-on-1 sessions focusing on your specific goals, challenges, and objectives.
- **AI-Driven Strategies:** Custom AI solutions to optimize your and your team's workflow, enhance productivity, and automate repetitive tasks.
- **Continuous Monitoring:** Data-driven evaluations to ensure that AI tools are helping you achieve your performance goals.
- **Optional Ongoing Support:** We offer post-coaching support to ensure continuous progress and refinement of strategies.

What you get

- **Improved insights:** Regularly analyze different information sources such as meeting transcripts, company documents, slack, emails, teams channels, Jira reports and so on to obtain fresh and important insights about your organization and your work.
- **Improved Decision-Making:** Leverage AI-powered analytics for faster, smarter decisions with real-time data insights.
- **Enhanced Efficiency:** Automate routine tasks and focus on high-value activities, maximizing productivity.
- **Scalable Growth:** Expand AI tools and strategies across teams for collective growth, leading to greater synergy.
- **Competitive Advantage:** Achieve a significant leap forward by embracing an AI-driven approach that sets you apart from competitors and positions you as a market leader in innovation and efficiency.

Our Commitment to You

We collaborate with you to seamlessly integrate AI tools into daily operations, ensuring long-term improvement and adapting strategies as your goals evolve.

What is the plan?

2 meetings, 2 hours each.

Meeting 1: Analyze & Define

In this session, we'll
- **Assess your current workflows** and identify areas for improvement.
- **Set clear, actionable goals** aligned with your performance objectives.
- **Explore AI tools** to enhance productivity and decision-making.

Meeting 2: Implement

In this session, we'll
- **Introduce and implement AI tools** to automate tasks and optimize workflows.
- **Integrate AI into your existing systems** for seamless operation.
- **Provide hands-on guidance** to ensure smooth implementation.

Outcome

You'll leave with a clear, actionable AI strategy ready to improve your team's performance immediately.

Ready for co-intelligence Leadership? Get Started Today!

Contact us for a free 15 minute short assessment to discover how AI can transform your performance and your team's performance.

AgileSparks

Challenging your comfort zone

Israel

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