

ChatGPT for Scrum Masters (AI in Agile & Scrum Practices)

Chapter 1: Introduction to AI & ChatGPT in Agile

- What is AI and Generative AI
 - Overview of ChatGPT
 - AI in modern software development
 - Benefits of AI for Scrum Masters
 - Ethical use of AI
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Chapter 2: Agile & Scrum Refresher

- Agile manifesto & principles
 - Scrum framework overview
 - Scrum roles & responsibilities
 - Scrum events & artifacts
 - Common Scrum challenges
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Chapter 3: Prompt Engineering Basics

- What is a prompt
 - Writing effective prompts
 - Prompt structures & patterns
 - Context setting techniques
 - Common prompt mistakes
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Chapter 4: ChatGPT for Scrum Planning

- Sprint planning assistance
 - Creating sprint goals
 - Breaking epics into user stories
 - Estimation support
 - Capacity planning
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Chapter 5: Backlog Management with AI

- Refining product backlog

- Writing clear user stories
 - Acceptance criteria generation
 - Prioritization techniques
 - Backlog health checks
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Chapter 6: ChatGPT for Daily Scrum & Team Support

- Preparing daily stand-ups
 - Identifying blockers early
 - Team productivity insights
 - Coaching questions generation
 - Improving team communication
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Chapter 7: Sprint Review & Retrospective with AI

- Sprint review preparation
 - Demo scripts & talking points
 - Retrospective formats
 - Root cause analysis
 - Action item tracking
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Chapter 8: Agile Metrics & Reporting

- Velocity analysis
 - Burndown & burnup charts
 - Sprint reports generation
 - KPI interpretation
 - Data-driven decision-making
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Chapter 9: Risk, Dependency & Impediment Management

- Identifying project risks
 - Dependency mapping
 - Impact analysis
 - Mitigation strategies
 - Escalation support
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Chapter 10: Stakeholder Communication with ChatGPT

- Status report generation
 - Executive summaries
 - Stakeholder emails & updates
 - Managing expectations
 - Conflict resolution messaging
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Chapter 11: ChatGPT for Coaching & Facilitation

- Coaching conversation prompts
 - Facilitating Agile ceremonies
 - Team maturity assessment
 - Servant leadership support
 - Handling difficult conversations
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Chapter 12: Integrating ChatGPT into Agile Tools

- ChatGPT with Jira workflows
 - Confluence documentation support
 - Slack & Teams integration concepts
 - Automation ideas
 - Best practices
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Chapter 13: Governance, Security & Responsible AI

- Data privacy considerations
 - Compliance & governance
 - Avoiding AI bias
 - Responsible AI usage
 - Organizational policies
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Chapter 14: Capstone Project & Real-World Use Cases

- End-to-end Scrum simulation using ChatGPT
- Agile transformation case study
- Custom prompt library creation
- Presentation & review
- Practical implementation roadmap