

Spec-Driven Development with Kiro (SDDKR)

ID SDDKR Price on request Duration 2 days

Who should attend

This course is intended for:

- Software developers and engineers
- Technical leads adopting AI-assisted development workflows
- Development teams adopting agentic coding practices
- DevOps engineers integrating AI agents into delivery pipelines

Prerequisites

We recommend that attendees of this course have:

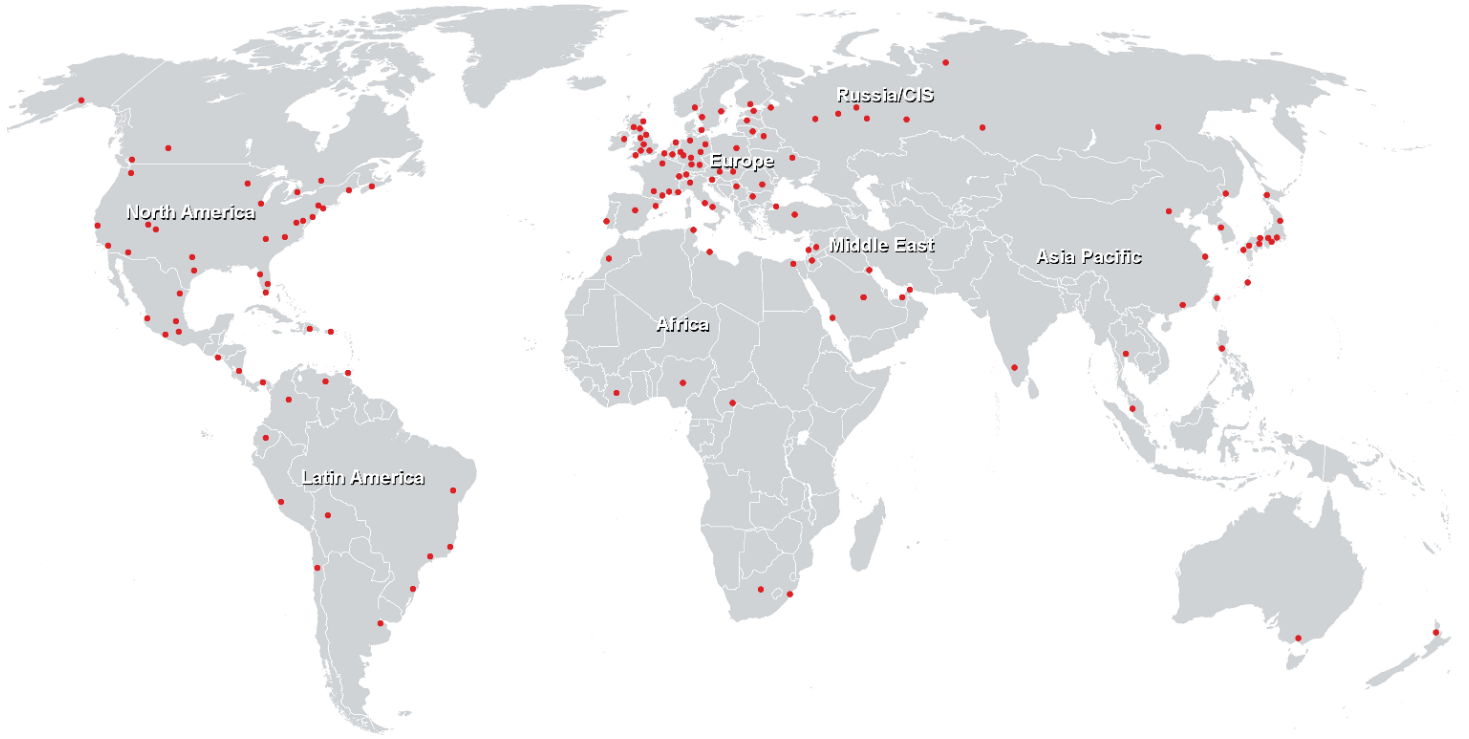
- Proficiency in at least one programming language
- Working knowledge of Git version control
- Basic understanding of RESTful APIs and cloud application concepts
- Foundational knowledge of generative AI concepts (LLMs, tokens, inference)

Course Objectives

In this course, you learn to do the following:

- Implement spec-driven development workflows using specifications to plan, design, and execute features and fixes
- Configure and control agent behavior using steering files, context providers, execution modes (Autopilot and Supervised), and custom subagents
- Extend agent capabilities using Model Context Protocol (MCP) servers and Kiro Powers to integrate external tools, services, and domain expertise
- Automate and scale development workflows using agent hooks, agent skills, shared steering, and custom subagents
- Build and share reusable agent capabilities by creating custom Kiro Powers, agent skills, and custom subagents for team-specific workflows
- Apply enterprise governance controls for MCP registry allowlisting, model governance, and extension management

Training Centres worldwide



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