

TIME

25-40 hours

LEVEL

Intermediate to advanced

PREREQUISITE

Prompting + basic workflows

1 Understand Agents



Learn how goals, models, tools, and loops fit together.

SCAN TO LEARN

2 Define the Mission



Specify outcome, boundaries, inputs, and stop rules.

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3 Add Tools



Connect safe functions, APIs, files, and search.

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4 Add Memory



Choose short-term context and durable knowledge.

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5 Plan and Reason



Break work into steps and select the next action.

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6 Reflect and Verify



Inspect results, detect failure, and retry safely.

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7 Coordinate Agents



Use specialists only when orchestration adds value.

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8 Deploy with Guardrails



Test, observe, limit permissions, and retain oversight.

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RELATED GLOSSARY TERMS

AI Agent | Tool Calling | Memory | Planning | Reflection | Multi-Agent System



SKILLS EARNED

- Define agent missions
- Connect tools safely
- Design memory
- Build verification loops
- Deploy with guardrails

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CYBERSIDE.AI CERTIFICATE OF COMPLETION

Ai Agent Learning Map

This certifies that

LEARNER NAME

completed the learning milestones, practical exercises, and safety checkpoints.

DATE

SIGNATURE / MENTOR



SCAN TO REVISIT THE LEARNING MAP

Certificate ID: CSAI-AGENT-2026