

# Team exercise | Agentic AI Hands-on Labs

## Azure Foundry Agent Exploration

- Complexity: \*
- Tools: Azure AI Foundry UI
- Lab resource: Tutorial
- [Quickstart - Create a new Azure AI Foundry Agent Service project - Azure AI Foundry | Microsoft Learn](#)
- [How to upload files using the file search tool - Azure AI Foundry | Microsoft Learn](#)

## Azure AI Agents Hands-on Labs quickstart (Lab 01 02 & 03)

- Complexity: \*\*
- Tools: Azure AI Foundry UI, SDK, Azure CLI
- Lab resource: notebook example
- [https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03\\_agentic\\_ai\\_labs](https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03_agentic_ai_labs)

## Azure AI Agents Hands-on Labs (Lab 04 : Create a RAG Agent)

- Complexity: \*\*
- Tools: Azure AI Foundry SDK
- Lab resource: code example
- [https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03\\_agentic\\_ai\\_labs](https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03_agentic_ai_labs)

## Azure AI Agents Hands-on Labs (Lab 05: Develop A Multi-Agent System)

- Complexity: \*\*\*
- Tools: Azure AI Foundry SDK
- Lab resource: code example
- [https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03\\_agentic\\_ai\\_labs](https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03_agentic_ai_labs)

## Multi-Agents: Semantic Kernel + Foundry Agents (Lab 06 and 07 )

- Complexity: \*\*\*\*
- Tools: Azure AI Foundry SDK, Semantic Kernel
- Lab resource: code examples
- [https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03\\_agentic\\_ai\\_labs](https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03_agentic_ai_labs)

## Multi-Agent Orchestration: Semantic Kernel + Foundry Agents (Lab 08 and 09)

- Complexity: \*\*\*
- Tools: Azure AI Foundry SDK, Semantic Kernel
- Lab resource: code examples
- [https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03\\_agentic\\_ai\\_labs](https://github.com/YueningChen/azure-agentic-ai-workshop/tree/main/03_agentic_ai_labs)