

AgentOps Value Delivery Workshop

A full day of hands-on AgentOps on Microsoft Foundry

Format: ~8 hours | Hands-on labs

The AgentOps Value Delivery (VBD) Workshop is a full-day, hands-on program where each attendee takes a single agent, the Contoso Travel Agent, all the way around the operating loop on Microsoft Foundry. Seven connected labs build one continuous story: every lab consumes the artifact produced by the previous lab, so attendees leave with a working end-to-end AgentOps pipeline rather than disconnected demos.

The operating loop attendees build

Evaluate >

Ship >

Observe >

Operate

Who it is for

- AI application builders ready to operationalize an agent.
- Cloud solution architects designing the production path.
- DevOps and platform engineers wiring CI/CD and runtime.
- AI governance and Responsible AI stakeholders.
- Technical decision makers who want to see the loop work on a live agent.

The continuity spine

One running example threads every lab: the Contoso Travel Agent, deployed as a Microsoft Foundry prompt agent and versioned travel-agent:1, :2, :3. Attendees work inside a shared agentops-vbd workspace, drive the loop with the agentops CLI, and correlate runtime behavior in Application Insights.

The labs

Lab	Title	Time	Outcome
1	Foundations and control plane	60 min	Agent live in Foundry; workspace and CLI ready.
2	Evaluation suites	75 min	Eval suite scoring the agent on real criteria.
3	Release gates and CI	75 min	A gate that blocks a deliberate regression.
4	Observability deep dive	90 min	Traces and telemetry correlated to a release.
5	Safety and red-team	75 min	Safety checks and red-team follow-through wired in.
6	Continuous improvement	75 min	Trace-to-eval feedback loop closing the cycle.
7	Capstone	90 min	Full loop run end to end on a red-to-green PR.

What attendees walk away with

- A live agent on Microsoft Foundry with a working CI/CD release gate.
- An evidence pack that links each release to evaluation and runtime telemetry.

- Hands-on fluency across all four pillars on a real agent.

Prerequisites

Each attendee needs an Azure subscription with a Microsoft Foundry project (a gpt-4o-mini deployment is enough), Python 3.10 or newer, the Azure CLI, git, a GitHub repository they can push to, and an Application Insights resource. A short pre-flight check confirms access before Lab 1.