



GOLD PATH
YOUR JOURNEY TO SUCCESS
PAVED WITH EXCELLENCE

AI-APP CRAFTSMAN BOOTCAMP FROM PYTHON TO AZURE AGENT PROTOTYPE

Duration: 3-days


This 3-day bootcamp is not a gentle immersion — it's a sprint. You'll arrive with some Python and HTTP knowledge and leave ready to build, wire, and prototype AI apps backed by agents and Azure infrastructure. Gone are lengthy detours through theory; instead, you'll engage in live coding, architectural critique, labs, and real-world considerations gained from decades in enterprise AI and software systems. While we simplify some of the most exotic corners, this remains a highly intensive course: you'll be pushed, you'll sweat, and you'll ship working prototypes by day three.


Learning Outcomes (by end of 3 days)

1. Rapid fluency (or re-fluency) in modern Python, including asynchronous patterns and concurrency.
2. Ability to build async HTTP clients (REST, streaming) with error handling and observability.
3. Construct web APIs (using FastAPI) that wrap LLM endpoints with fallback and throttling logic.
4. Integrate both local (when possible) and remote LLMs in Python, with prompt engineering, fallback strategies, and awareness of tradeoffs.
5. Compose reasoning pipelines / chains and basic agent logic (tool invocation, memory, retries).
6. Implement basic Retrieval Augmented Generation (RAG) over domain data.
7. Understand agent architectures and patterns, though advanced orchestration is optional.
8. Prepare a minimal Azure-targeted AI app prototype (chain + agent) suitable for later migration into Foundry.
9. Critically evaluate design tradeoffs in latency, cost, model drift, reliability.
10. Leave confident to continue from prototype to production inside Azure ecosystems with minimal friction.

CONTACT

US

 +6016 509 9138 (Iffah) | +6011 2740 2138 (Crystal)

 iffah@goldpath.com.my | crystal@goldpath.com.my

 www.goldpath.com.my



GOLD PATH
YOUR JOURNEY TO SUCCESS
PAVED WITH EXCELLENCE

AI-APP CRAFTSMAN BOOTCAMP FROM PYTHON TO AZURE AGENT PROTOTYPE

Prerequisites

Participants should come in with:


- Basic Python (functions, classes, data structures)
- Familiarity with HTTP/REST, JSON
- Basic command-line / shell skill


Training Outline

- Python & Async Foundations + HTTP Integration
- Web APIs & AI Endpoints
- Local + Remote LLMs, Prompt Engineering & Chain Logic
- Agent Basics, Architecture, and Azure Prototype

CONTACT

US

 +6016 509 9138 (Iffah) | +6011 2740 2138 (Crystal)

 iffah@goldpath.com.my | crystal@goldpath.com.my

 www.goldpath.com.my