



# LLMs Go Local!

AI Community Conference – Hammamet – December 2025



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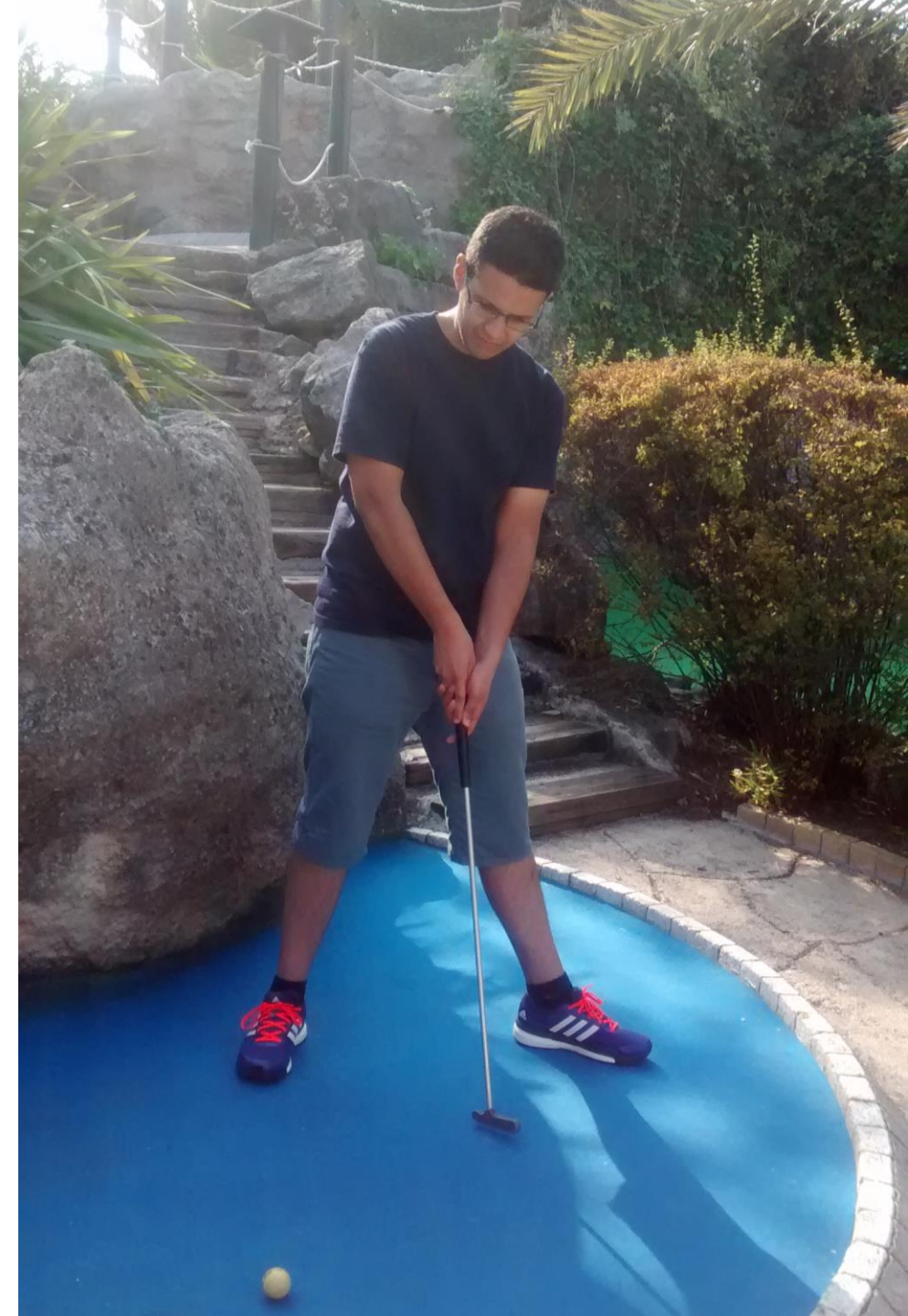
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# Why Local LLMS ? 🤔

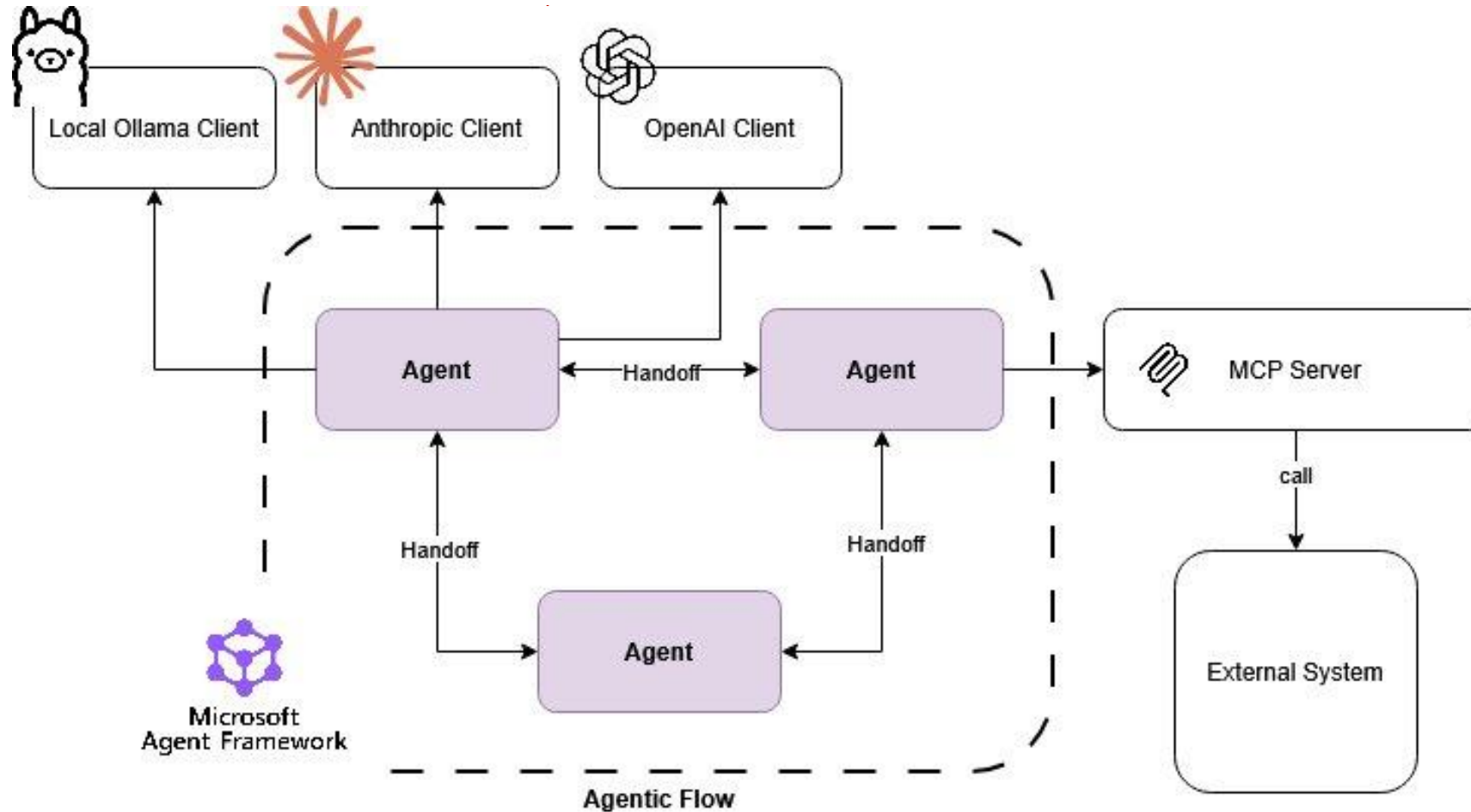
- Governance
- Cost
- Reliability & Low Latency

# Ollama

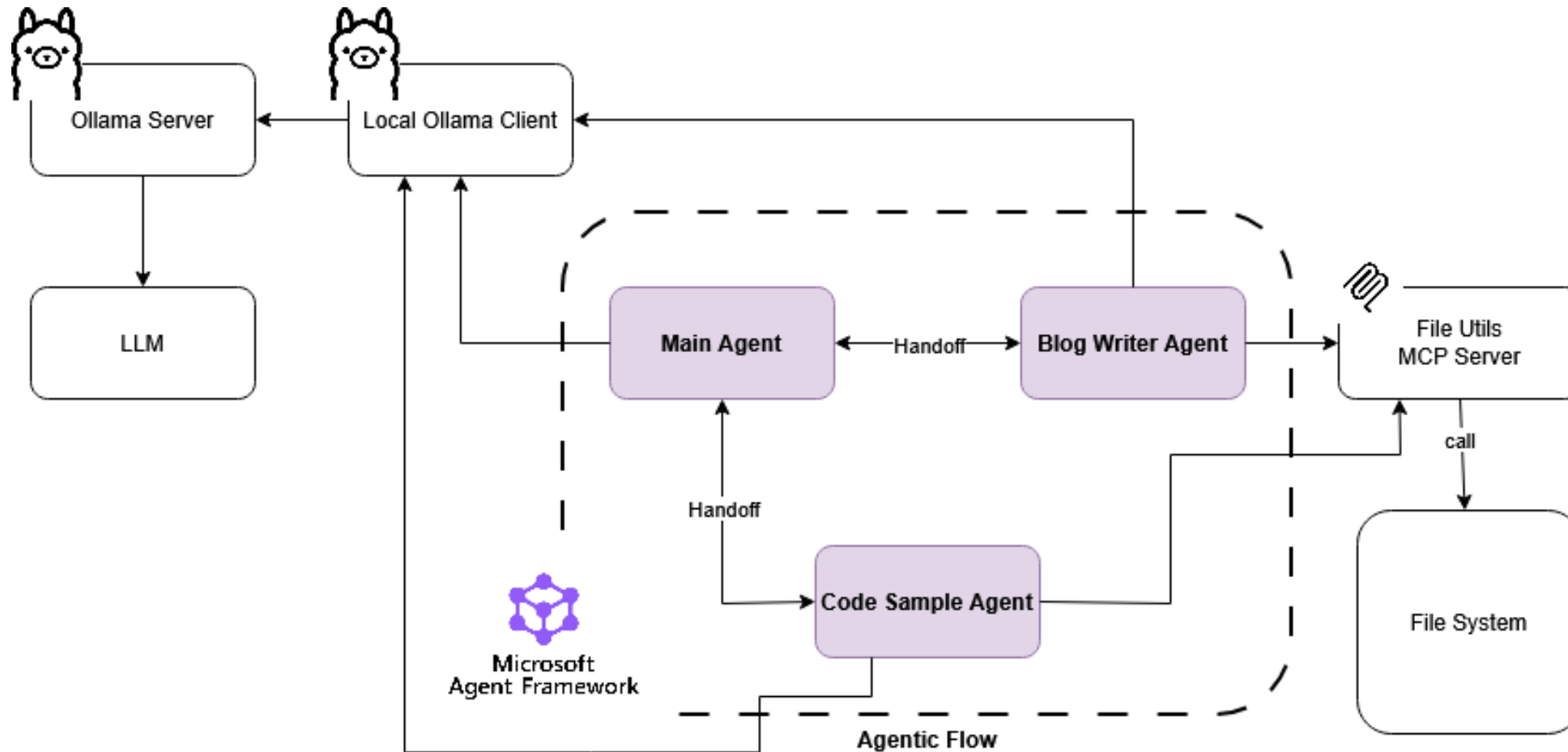
- Run Open-source LLMs locally
- Access via API or CLI
- GPU Detection
- Rich Catalog of Models
- Supports Tool Calling Models



# Microsoft Agent Framework



# Workshop Overview





# So far, So Good ?

```

1 ---
2 description: ' Azure Verified Modules (AVM) and Terraform'
3 applyTo: '**/*.terraform, **/*.tf, **/*.tfvars, **/*.tfstate, **/*.tflint.
4 hcl, **/*.tf.json, **/*.tfvars.json'
5 ---
6 # Azure Verified Modules (AVM) Terraform
7
8 ## Overview
9
10 Azure Verified Modules (AVM) are pre-built, tested, and validated Terraform
11 and Bicep modules that follow Azure best practices. Use these modules to
12 create, update, or review Azure Infrastructure as Code (IaC) with
13 confidence.
14
15 ## Custom Instructions for GitHub Copilot Agents
16
17 **IMPORTANT**: When GitHub Copilot Agent or GitHub Copilot Coding Agent is
18 working on this repository, the following local unit tests MUST be executed
19 to comply with PR checks. Failure to run these tests will cause PR
20 validation failures:
21
22 ```bash
23 ./avm pre-commit
24 ./avm tflint
25 ./avm pr-check
26 ```
27
28 These commands must be run before any pull request is created or updated to
29 ensure compliance with the Azure Verified Modules standards and prevent CI/
30 CD pipeline failures.
31
32 More details on the AVM process can be found in the [Azure Verified Modules
33 Contribution documentation](https://azure.github.io/Azure-Verified-Modules/
34 contributing/terraform/testing/).
35
36 **Failure to run these tests will cause PR validation failures and prevent
37 successful merges.**

```

```

6 # Azure Verified Modules (AVM) Terraform
7
8 ## Module Discovery
9
10 ### Terraform Registry
11
12 - Search for "avm" + resource name
13 - Filter by "Partner" tag to find official AVM modules
14 - Example: Search "avm storage account" → filter by Partner
15
16 ### Official AVM Index
17
18 > **Note** The following links always point to the latest version of the
19 CSV files on the main branch. As intended, this means the files may change
20 over time. If you require a point-in-time version, consider using a
21 specific release tag in the URL.
22
23 - **Terraform Resource Modules**: https://raw.githubusercontent.com/Azure/Azure-Verified-Modules/refs/heads/main/docs/static/module-indexes/
24 TerraformResourceModules.csv
25 - **Terraform Pattern Modules**: https://raw.githubusercontent.com/Azure/Azure-Verified-Modules/refs/heads/main/docs/static/module-indexes/
26 TerraformPatternModules.csv
27 - **Terraform Utility Modules**: https://raw.githubusercontent.com/Azure/Azure-Verified-Modules/refs/heads/main/docs/static/module-indexes/
28 TerraformUtilityModules.csv
29
30 ## Terraform Module Usage
31
32 ### From Examples
33
34 1. Copy the example code from the module documentation
35 2. Replace `source = "../../"` with `source = "Azure/avm-res-{service}-
36 {resource}/azurerm"`
37 3. Add `version = "~> 1.0"` (use latest available)
38 4. Set `enable_telemetry = true`
39
40
41
42
43
44
45
46
47
48
49
50
51
52

```