

Context > Models

How to make your agents
truly intelligent

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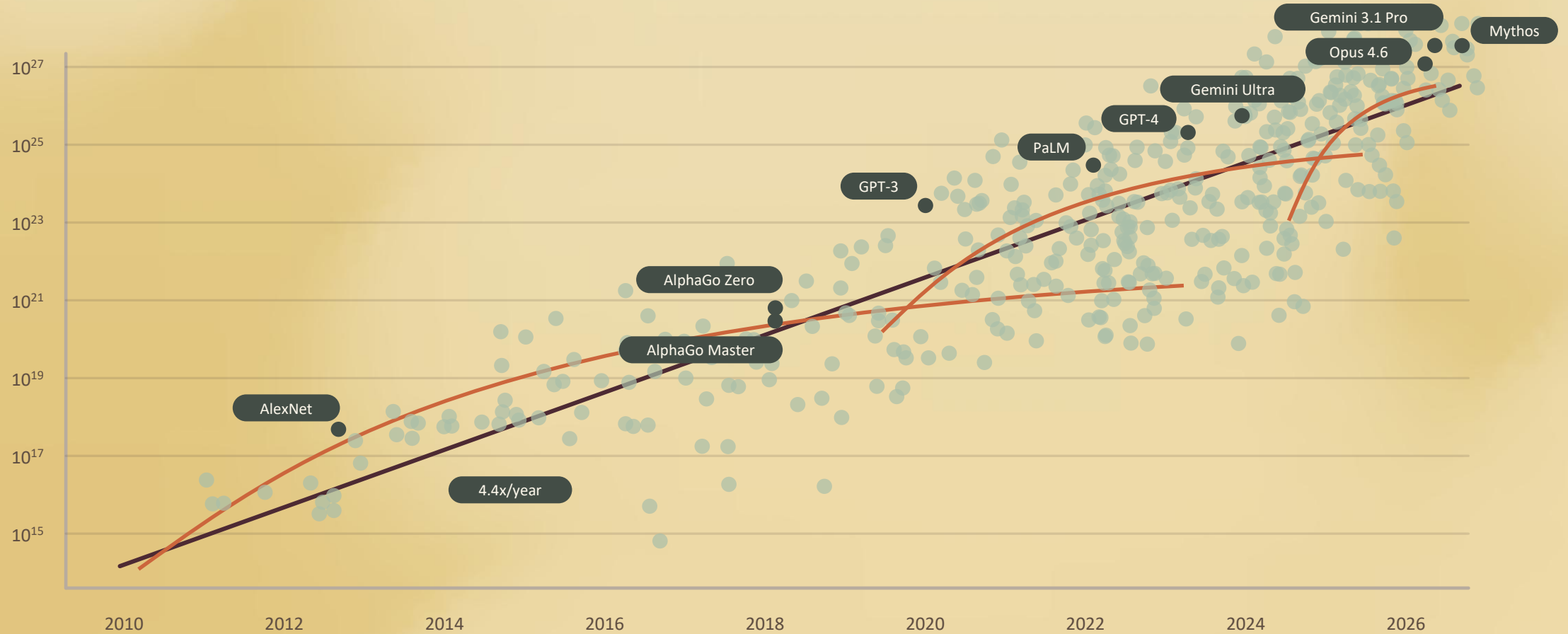
Hands-on prerequisites

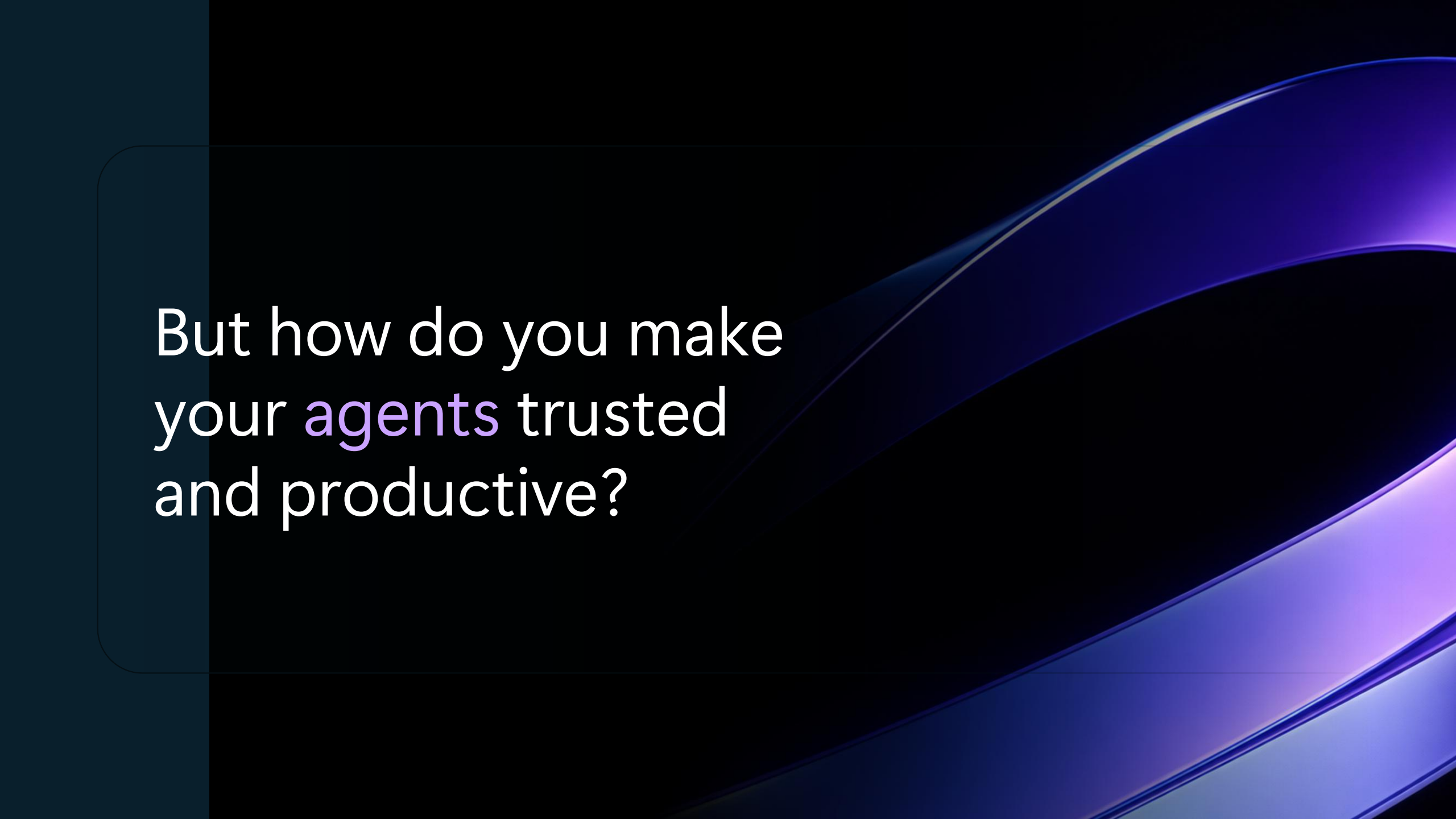
- Free GitHub Account
- Laptop
- Internet

WeAreDevelopers World Congress · 8-10 July · Berlin

Intelligence is now a
function of compute

Log linear climbing has
become the norm





But how do you make
your **agents** trusted
and productive?



Microsoft Foundry

Streamline development with native IDE experiences



GitHub



Visual Studio



Visual Studio Code



Copilot Studio

 Models

 Agent Service

 IQ

 Tools

 Machine Learning

Build context-aware and action-oriented agents with 1,400+ pre-built connections and MCP tools



Adobe



ATLASSIAN



SAP

servicenow



UiPath



Bing



Fabric



OneLake



Control Plane

Leverage a complete signals management layer with Microsoft Security integrations



Agent 365



Defender



Purview



Entra

Security, compliance, and governance



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Security, compliance, and governance

Microsoft IQ Platform

Ground every agent in your organizational intelligence



Work IQ

"How your employees work"

Context on people, collaboration, and workflows



Fabric IQ

"How your business operates"

Context on business entities, systems of record, and actions



Foundry IQ

"How your agents unlock knowledge"

Context on policies, authoritative documents, and knowledge bases



Web IQ

"How you connect to web intelligence"

Context from the web, news, images and video

Microsoft IQ Platform

Ground every agent in your organizational intelligence



Work IQ

"How your employees work"

Context on people, collaboration, and workflows



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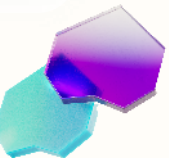
Fabric IQ

Semantic foundation to power your business and AI

Unify business semantics
across data, models,
rules and actions

Understand and act on
live, context-rich
insights

Power AI agents in
Foundry and Fabric



Foundry IQ

Unlocking knowledge for your agents



Reusable
knowledge bases



Indexed & remote
knowledge sources



Agentic RAG for
superior context



Enterprise-grade
security



Automated data
transformation and
embedding

Sources



Integrations



Model Context Protocol

Bring in outside context with MCP servers





GitHub Copilot

Your AI pair programmer

**Offers code suggestions,
contextualized to your project**

Convert comments to code

Autofill for repetitive code

Autosuggest tests

Show alternatives



ts sentiment.ts

-GO write_sql.go

python parse_expense

```
1 #!/usr/bin/env ts-node
2
3 import { fetch } from "fetch-h2";
4
5 // Determine whether the sentiment of
6 // Use a web service
7 async function isPositive(text: string) {
8   const response = await fetch(`http://
9     method: "POST",
10    body: `text=${text}`,
11    headers: {
12      "Content-Type": "application/x-w
13    },
14  });
15   const json = await response.json();
16   return json.label === "pos";
17 }
```

 Copilot

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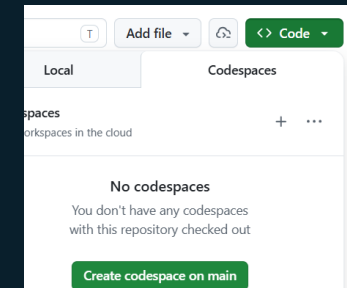
How to make your agents truly intelligent

Workshop



Pre-requisites

1. Scan QR-Code: Get your GitHub Copilot workshop license by signing-in with your personal GitHub account. Click „Ask for GitHub Copilot Seat“
2. Open repo at aka.ms/ContextMatters, start GitHub Codespace and follow README and workshop.md
3. For later - FOUNDRY_IQ_MCP_URL:
<https://cupcake-search-wad3957.search.windows.net/knowledgebases/cupcake-kb/mcp?api-version=2026-05-01-preview>
4. Open in your browser - Get corresponding API-Key:
<https://aka.ms/ContextMattersLab>



Available for select Azure Customers

Microsoft Web IQ

Web grounding built for the AI era — quality, speed, and token efficiency at frontier scale

Suite of grounding APIs



Web



News



Images



Video



Browse



Quality:

Answers your users can trust



Speed:

Built for multi-step agents



Token Efficiency:

Lower total cost of ownership, at scale

+3 points

GSDAT higher grounding satisfaction, which takes some companies years to gain

Structured, citation-ready context across web, news, images, and video — improving selection quality and source attribution where it matters.

164 ms

p95 latency — roughly 2.5x faster

Sub-200ms p95 grounding keeps agent chains responsive.

Fewer Tokens In

Better answers out

Passage-level ranking maximizes information density per token, reducing the amount of context needed to achieve high-quality

aka.ms/WebIQ

Work IQ API

Workplace intelligence designed for the unique needs of agents



Intelligence

Continuously builds and structures high-quality context across your entire data estate

Speed

Agent-optimized retrieval that enables fewer round trips to the service and lower latency access to rich context

Efficiency

Handles retrieval, context assembly, and reasoning in a unified runtime rather than with iterative, token-intensive reassembly

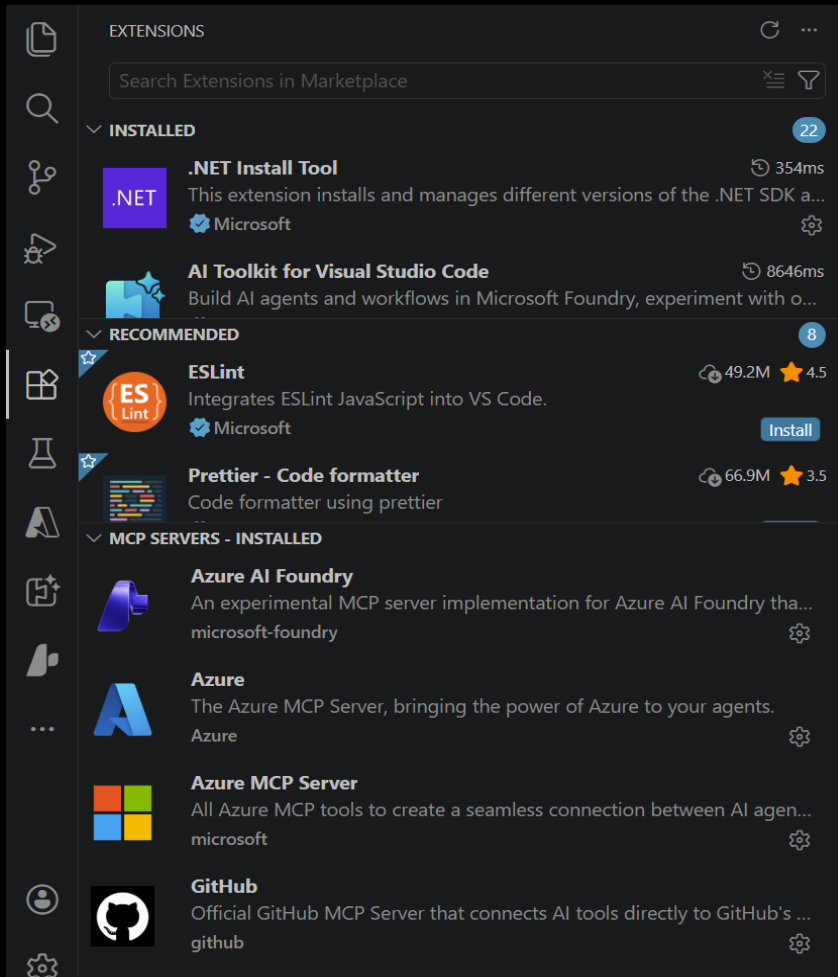
Scale

Designed to support the scale of agentic workloads, including high-volume reasoning and tool-calling

Security

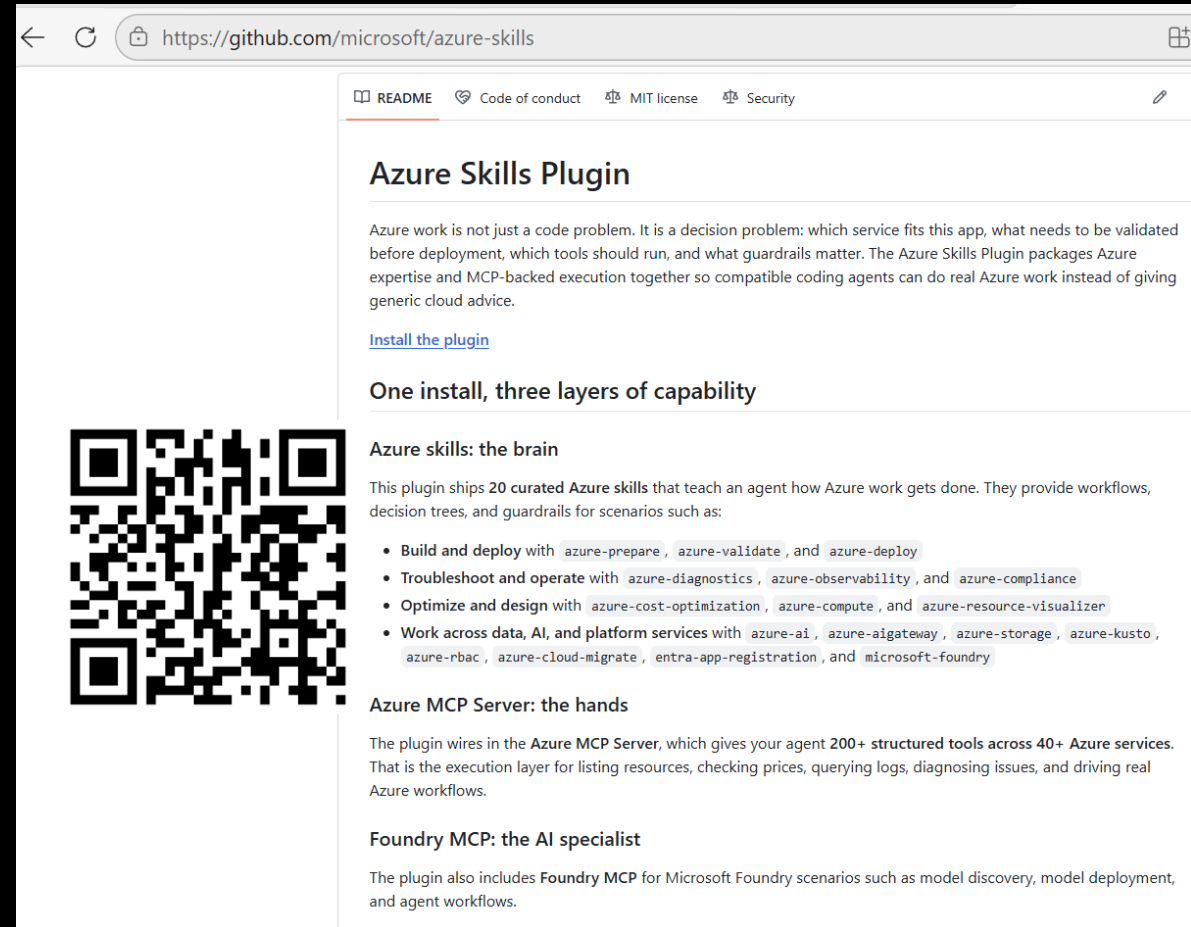
Operates directly on enterprise data in place, preserving existing security and governance policies

Favourite MCP Server



The screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The 'EXTENSIONS' panel is active, displaying a search bar and a list of extensions. The 'INSTALLED' section shows the '.NET Install Tool' and 'AI Toolkit for Visual Studio Code'. The 'RECOMMENDED' section lists 'ESLint' and 'Prettier - Code formatter'. The 'MCP SERVERS - INSTALLED' section highlights 'Azure AI Foundry', 'Azure', 'Azure MCP Server', and 'GitHub'.

Extension Name	Developer	Version	Size	Rating
.NET Install Tool	Microsoft	354ms		
AI Toolkit for Visual Studio Code		8646ms		
ESLint	Microsoft	49.2M	4.5	
Prettier - Code formatter		66.9M	3.5	
Azure AI Foundry	microsoft-foundry			
Azure	Azure			
Azure MCP Server	microsoft			
GitHub	github			



The screenshot shows the GitHub repository page for the 'Azure Skills Plugin'. The page includes a README, Code of conduct, MIT license, and Security information. The main content describes the plugin's purpose and provides a QR code for installation.

Azure Skills Plugin

Azure work is not just a code problem. It is a decision problem: which service fits this app, what needs to be validated before deployment, which tools should run, and what guardrails matter. The Azure Skills Plugin packages Azure expertise and MCP-backed execution together so compatible coding agents can do real Azure work instead of giving generic cloud advice.

[Install the plugin](#)

One install, three layers of capability

Azure skills: the brain

This plugin ships 20 curated Azure skills that teach an agent how Azure work gets done. They provide workflows, decision trees, and guardrails for scenarios such as:

- Build and deploy with `azure-prepare`, `azure-validate`, and `azure-deploy`
- Troubleshoot and operate with `azure-diagnostics`, `azure-observability`, and `azure-compliance`
- Optimize and design with `azure-cost-optimization`, `azure-compute`, and `azure-resource-visualizer`
- Work across data, AI, and platform services with `azure-ai`, `azure-aigateway`, `azure-storage`, `azure-kusto`, `azure-rbac`, `azure-cloud-migrate`, `entra-app-registration`, and `microsoft-foundry`

Azure MCP Server: the hands

The plugin wires in the Azure MCP Server, which gives your agent 200+ structured tools across 40+ Azure services. That is the execution layer for listing resources, checking prices, querying logs, diagnosing issues, and driving real Azure workflows.

Foundry MCP: the AI specialist

The plugin also includes Foundry MCP for Microsoft Foundry scenarios such as model discovery, model deployment, and agent workflows.

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Feedback



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