

GitHub Copilot

Make it Real with EPAM



GitHub Copilot is the market leading **Agentic AI-powered coding assistant**, elevating workflows and delivering productivity gains in the engineering phases of the SDLC. Recently introduced **Agent Mode and Coding Agent, combined with MCP Server and Azure AI Foundry**, integrates enterprise knowledge and tools with external agents, boosting productivity, automating tasks, and delivering accurate results.

As an **early adopter of GitHub Copilot**, EPAM has built on first-hand experience introducing and scaling it across engineering teams in multiple clients.

We integrate it with **EPAM AI/Run™**: Pre-built capabilities and SDLC Agents along with a robust adoption framework that incorporates our learnings of critical success factors - regular metrics; uniform training; and real-time coaching.

Why EPAM:

- EPAM combines **extensive, research-driven GitHub expertise with forward-looking strategies**. Having adopted Copilot early, we enhance our cloud solutions and consulting services, bringing cutting-edge tools to our clients.
- According to Gartner, EPAM has **strategically leveraged GenAI** in production-level code, **outperforming other vendors** and delivering measurable impacts in the custom software development market.
- EPAM has **thousands of industry recognized DevOps engineers & architects** including 350+ certified Azure DevOps engineers & 50+ certified GitHub experts.

1 ADVOCATE

1-2 Weeks

Copilot Orientation Workshop (online, up to 2 hours):

- Introduce GitHub Copilot features and use cases relevant for client

Outcome:

Practical Use cases tailored to Client's challenges and requirements

Advanced assessment:

- Identify teams for early adoption
- Identify if fine-tuned LLMs and Agents would be beneficial
- Requirement gathering from the early adoption team(s)
- Propose productivity metrics, assess current level and determine existing patterns of using GitHub Copilot
- Evaluate the business value and ROI of GitHub Copilot adoption for scale enablement.

Outcome:

Business case with quantitative and qualitative insights on Copilot adoption

2 SETUP & BASELINE

2 Weeks

- Setup Copilot & Enterprise features
- Create dashboard of adoption & gains
- Create adoption runbooks
- Initial training sessions for early adopters

Outcome: GitHub Copilot configured on enterprise level and installed on early adopters' team(s) workstations

3 JUMPSTART

6-10 Weeks

- Weekly use case surveys/workshops
- Live dashboards of adoption & gains
- Feedback gathering and adoption program adjustments

Outcome:

- Copilot used in daily workflow of early adopters' team(s)
- Improvement plan based on defined successful patterns

4 LEARN & ADAPT

2-3 week

- Review adoption & gain
- Ongoing improvements to Copilot prompts and usage practices
- Impact analysis & retrospective
- Continuous hands-on coaching
- Create scale out approach

Outcome:

- Jumpstart phase report
- GitHub Copilot enterprise adoption plan

5 SCALE ENABLEMENT

3-6 Months

- Copilot champions training
- Engage & jumpstart more teams
- Proven prompts & use cases promotion and adoption
- Live dashboards of adoption & productivity gains
- Conduct surveys to confirm training needs and produce long-term development plan

Outcome:

- Copilot used in daily workflow of team(s) involved

FUTURE STEPS

GitHub Copilot Agent Mode and Coding Agent to transform natural language ideas into real implementation

Custom Agents on Azure AI Foundry, Copilot Studio or AI/RUN, for advanced data/context scenarios and workflows



Standard MCP Servers to access to your Enterprise systems, knowledge bases and tools (GitHub, Jira, Azure DevOps etc.)

Legacy code modernization capabilities with .NET & JAVA migration assistants