Enablement Services for GitHub Copilot

Reimagine generative AI in your organization with Github Copilot

Enablement Services for GitHub Copilot is a large enterprise's key to unlocking the full potential of generative AI and reimagining how your organization can deliver modern engineering solutions.

Key Questions

- Is your organization facing pressure to increase productivity, drive efficiency and streamline the development process?

- Is your organization experimenting with generative AI or looking for a paradigm shift in how developer productivity can be increased exponentially?

- Does your organization need guidance establishing clear metrics to measure ROI from generative AI adoption?

We provide guidance to effectively integrate GitHub Copilot into your software development process, enable teams adopt the tool and leverage its advanced features to help code quality and productivity. Together, we embark on a critical transformation effort to improve efficiency and consistency across your groups.

GitHub Copilot fundamentally challenges the enterprise software delivery status quo, while leveraging Azure infrastructure, encryption and AI-based vulnerability prevention to block insecure coding patterns in real-time. With GenAI foundationally built into the development process, teams must:

- **Reimagine** how to size, plan and define projects.
- **Reestablish** governance, planning, change and release management processes, including how policies are applied and enforced.
- **Redefine** how to set and apply requirements and testing.
- **Rethink** project coding and testing for delivery excellence.

We can help you make the shift to effectively adopt generative AI to help drive improvements throughout into your development process.

The challenge

Software organizations face productivity and efficiency challenges throughout the development process. As a result, they reorganize priorities or rationalize deliverables to balance overall throughput, cycle time, and quality of product development.
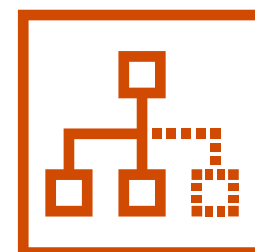
Our approach

As pioneers in Generative AI for software development life cycle, we pair our robust industry alliances and deep implementation experience to deliver transformative solutions for our clients. Modernization helps drive efficiency and productivity across the development cycle, streamlining to decrease overall cycle costs. **PwC's approach is appropriate for large enterprises that want to leverage Copilot capabilities, which are providing 50% increase for on time project completion.**

Approach

Establish clear baseline KPI's. Effectively incubate GitHub Copilot into the software development process in a phased approach, ensuring teams adopt Copilot and leverage its advanced features to improve code quality and efficiency.

Adoption

Drive GitHub Copilot adoption within the teams' current work to enable realization of value without delivery disruption. Combined with our Backlog in a day offering, teams can retrain and relearn to use modern engineering practices to increase productivity. We have flexible options to increase adoption:

- GitHub accelerators
- Copilot flashbuilds (hack-a-thons)
- Ignite workshops
- Dojos
- Generative AI factory

ROI

Measure against established metrics, receiving regular monitoring, feedback and success comparables to guide ongoing optimization and measurement of GitHub Copilot's effectiveness. Align with goals to enhance coding, productivity gains and cost savings.

1 Based on PwC client engagement work and Research: quantifying GitHub Copilot's impact on developer productivity and happiness - The GitHub Blog

PwC's strategic global alliance with Microsoft

Our relationship with Microsoft gives us unique access that will benefit your project.

- PwC is Microsoft's third largest customer globally
- PwC was Microsoft's #1 Advisory Services Provider in 2023, #3 Provider overall in 2023
- Microsoft is PwC's largest IT products and services provider
- PwC and Microsoft go to market together in a portfolio of Integrated Solutions and Products across cloud, business applications, cyber, and modern workplace
- PwC and Microsoft co-invest to accelerate client value through providing resources, funding for professional services, and technical support
- PwC's **$1B investment over the next three years** to expand and scale its artificial intelligence (AI) offerings

Performance results from PwC's use of generative AI in SDLC offerings are just the beginning.

20-25%
increase in developer efficiency

30-40%
increase in developers' perceived productivity

Case Study

Challenge

A technology company sought to improve its SDLC productivity by leveraging GenAI, identify and prioritize use cases and build a case for investment. The company also wanted to design and deploy a governance model to evaluate and scale Generative AI tools.

Solution

- PwC identified relevant use cases, tools, benefits and limitations for helping improve SDLC productivity.

- We developed a detailed business case for priority case studies.

- We baselined headcount and teams.

- We conducted workshops to identify solutions.

We built

- Estimates for productivity benefits.

- Estimates for deployment and roll out.

- Detailed implementation plan.

- Deployable Generative AI Factory governance model.

Outcome

The company could determine how best to adopt Generative AI tools into their organization[1].

- Identified 30+ use cases for SDLC improvement using Generative AI

- Estimated financial impact from coding assistants: $35-$50M in run rate savings

- Roadmap to pilot and deploy new tools

- Designed Generative AI Factory governance model to identify and scale new use cases.

[1] *Not guaranteed results*

Thank you

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