



Getting started with GitHub Copilot for business bundle

Project, Workshops, Sessions | Remote or Onsite | Level 300

Key features and benefits using GitHub Copilot

GitHub Copilot is an AI-powered coding assistant developed by GitHub in collaboration with OpenAI. It aims to assist developers in writing code more efficiently and effectively by providing code suggestions, auto-completions, and even generating entire code snippets based on the context and requirements. It supports all languages that appear in public repositories and various developer IDEs.

Some of the reasons enterprises are using GitHub Copilot is:

- Increase Efficiency: With the help of GitHub Copilot, developers can write code more quickly and efficiently.
- Improve Code Quality: GitHub Copilot can suggest code snippets and offer guidance on best practices.
- Reduce Workload: GitHub Copilot can automate repetitive tasks, freeing up developers to work on more important tasks.
- Easier Onboarding: When new developers join a team, it can be sometimes challenging for them to get up to speed on the codebase.

Adopting GitHub Copilot can help companies improve their development processes, increase productivity, and reduce errors, ultimately leading to better software and happier developers.

Key benefits of Using GitHub Copilot

- Increase productivity: Senior developers become up to a 50% quicker by using line completion, comments suggestions and repetitive code.
- Training: Help developers learn a language they do not feel proficient on by checking the code suggestions
- Developer satisfaction: 70% of developers report they work happier when assisted by Copilot.

After early observations and interviews with users, GitHub surveyed more than 2,000 developers to learn at scale about their experience using GitHub Copilot.

The numbers here are from three categories of findings ...

- Efficiency and flow (96% say they are faster with repetitive tasks)
- Perceived Productivity (88% say they are more productive)
- Satisfaction and Well-being (75% focus on more satisfying work)

Bundle description

The goal of this bundle is to quickly get you started using GitHub Copilot for business within your organization. It includes analysis, hands-on work, and educational sessions so you can continue your journey independently.

1. Discovery:

In this phase, we will collaboratively analyze your Codebase. The goal is to determine the most suitable strategy for using GitHub Copilot. We will also establish the necessary setup and configuration for your organization looking at both policies and billing.

2. Insight:

This phase focuses on education. We will conduct informative sessions that cover GitHub Copilot. These sessions will address various aspects of GitHub Copilot including perspectives from administrators, developers, and professionals.

3. Best Practices Implementation:

In this phase, we will implement the chosen GitHub Copilot setup.

This approach ensures a comprehensive understanding and effective implementation of GitHub Copilot for your organization.

Intended Audience

The recommended audience: - Customers who want to or have recently started using GitHub Copilot
- Developers - Team Leads - DevOps Teams - Engineering Managers – Security specialists -Platform owners – Project Managers – Cloud Engineers.

Objectives

- Provide targeted training for key stakeholders (developers, build & infrastructure teams and security teams) to help them use GitHub Copilot effectively.
- Learn and apply best practices for using GitHub Copilot in your organization.
- Accelerate adoption of GitHub Copilot within your organization.
- Avoid common pitfalls and problems.

Outcomes

After completing this bundle, learners will be able to:

- Roll out the GitHub Copilot efficiently.
- Use GitHub Copilot effectively within the Enterprise.
- Have relevant teams be trained and made aware of all GitHub Copilot features.

Methodology

- Lectures on core concepts
- Demos
- Labs
- Hands-on enablement
- Q&A

Time commitment options

- Delivered over 2-3 weeks depending on the complexity and organizational size.

GitHub Copilot hand-on Basic Training

This training will consist of one session covering the following basic topics:

- Copilot Features and Benefits
- Demos
- Future Roadmap
- Frequently Asked Questions

Learning outcomes/business outcomes

After completing this training, learners will be able to:

- Understand the benefits and how to start using GitHub Copilot
- Understand how to write code faster.
- Stay in the development flow longer for the solution.
- Focus on the Business use case and Problem Statement

After this engagement, your team will be able to:

- Reduce time spent on repetitive tasks.
- Reduce time spent on boilerplates.
- Limit context switching between different tools.
- Improve the developer experience.

GitHub Copilot Governance

This session will cover the billing and licensing aspects of GitHub Copilot with these topics:

- Installation and configuration
- Billing
- Licensing
- Governance & Control
- Policies

Mastering GitHub Copilot, tips and tricks

This session dives deeper into GitHub Co-pilot, uncovering advanced techniques, providing valuable tips, and addressing common challenges that developers may encounter. You'll learn how to fine-tune Co-pilot's suggestions, make the most of its capabilities, and discover hidden gems that can further optimize your coding experience.

We will be looking at topics like

- Fixing GitHub Advanced security problems with GitHub Copilot

- Create tests and test data
- Using the Copilot CLI
- Creating YAML pipelines with GitHub Copilot

Leveraging GitHub Copilot for efficiency and innovation

This session focuses on leveraging GitHub Co-pilot to supercharge your development productivity, tackle complex projects, and foster innovation. We'll explore how Co-pilot can assist you in exploring new technologies, overcoming coding hurdles, and inspiring creative solutions to drive your projects forward.

We will be looking at topics like

- Using Copilot to convert code between languages.
- Using Copilot for matching patterns with Regex
- Copilot for Pull Requests
- Copilot for Docs
- Copilot Voice

Prerequisites

- GitHub Enterprise Cloud Account
- GitHub Copilot Enabled
- Visual Studio Code, Visual Studio, Neovim, and the JetBrains suite of integrated development environments (IDEs).
- GitHub Copilot extension installed on the IDE

Price for the full project including workshops and trainings.

10 000 USD

Primary Contact

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