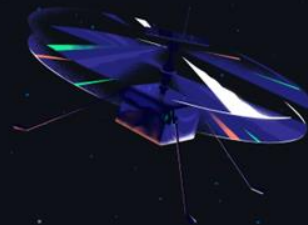# Copilot for Business Introduction

Level: Intermediate

Let's build from here

Copilot Fundamentals Recap

What is Copilot?

What is required?

Supported IDEs

Data flow

"

GitHub Copilot   👍 👎

GitHub Copilot is an AI-powered code completion tool. It's designed to assist developers by providing suggestions for whole lines or blocks of code as they type. It works directly in your editor, helping you to test out new ideas faster, write code more efficiently, and learn new APIs or languages on the go.

- Copilot Chat

Who is Copilot for?

Senior Engineers

Accelerate boilerplate code generation leverage design patterns, and simplify complex problem-solving.

Junior Engineers

Expedite learning, facilitate as a pair programmer, and mentor.

Copilot Overview

Use cases

- Code Suggestions
- Unit Test
- IaC development
- Code Translation
- Dictionaries with Lookup data
- Pattern Matching using Regex

Anti-Patterns

- Non-coding tasks
- Production Data generation
- Natural language generation

GitHub Copilot Product Specific Terms - Acceptable Use

Copilot Overview

Copilot

Copilot Chat

Limitations

"I'm powered by AI, so surprises and mistakes are possible. Make sure to verify any generated code or suggestions, and share feedback so that we can learn and improve."

Copilot

Copilot "Wisdom"

Every Copilot needs a
Captain !

*"If you don't know where you
are going you'll end up
someplace else."*

Yogi Bear

Copilot Impact

96% say they are **faster with repetitive tasks**

88% say they are more **productive**

74% focus on more **satisfying** work

Increase developer productivity

And satisfaction by focusing on real problems

Accelerate innovation

Prototype & innovate more rapidly

Bridge skill gaps

Learn new languages and techniques

What is Required ?

GitHub account

Copilot license

Supported IDE

Supported IDEs

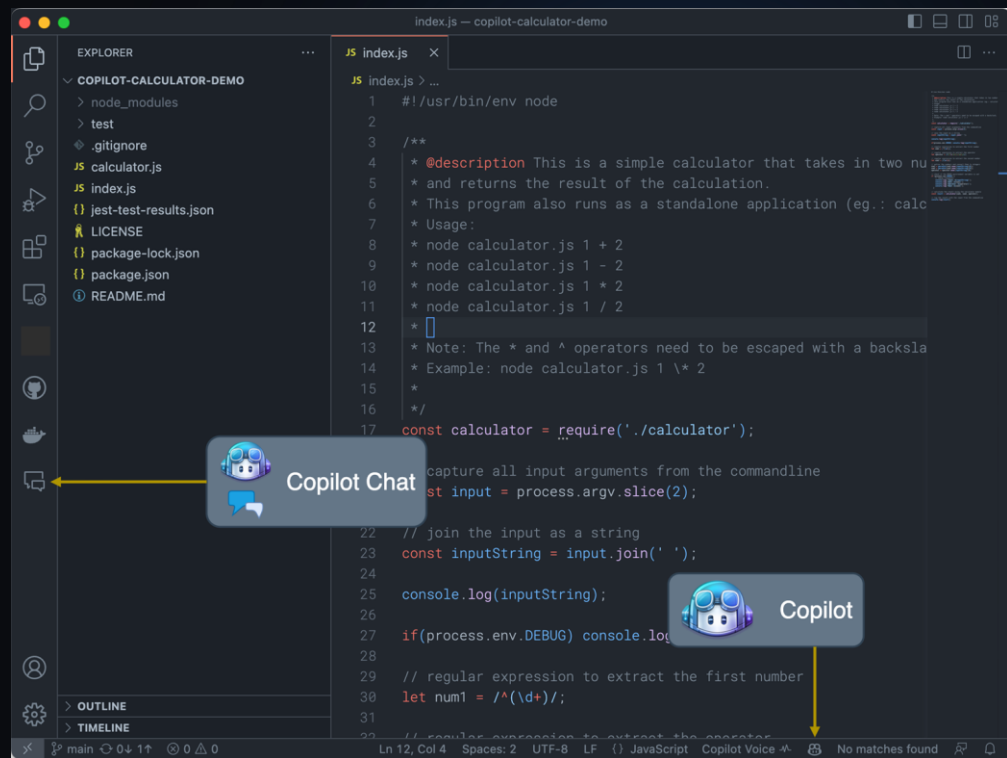Visual Studio

Visual Studio Code

Vim/Neovim

Jet Brains

Copilot in Your IDE

IDE Extensions

Data flow

PII
Toxicity
Code classifier

CODE EDITOR **PROXY** **MODEL**

PII
Toxicity
Code classifier
Code quality
Duplicate detection
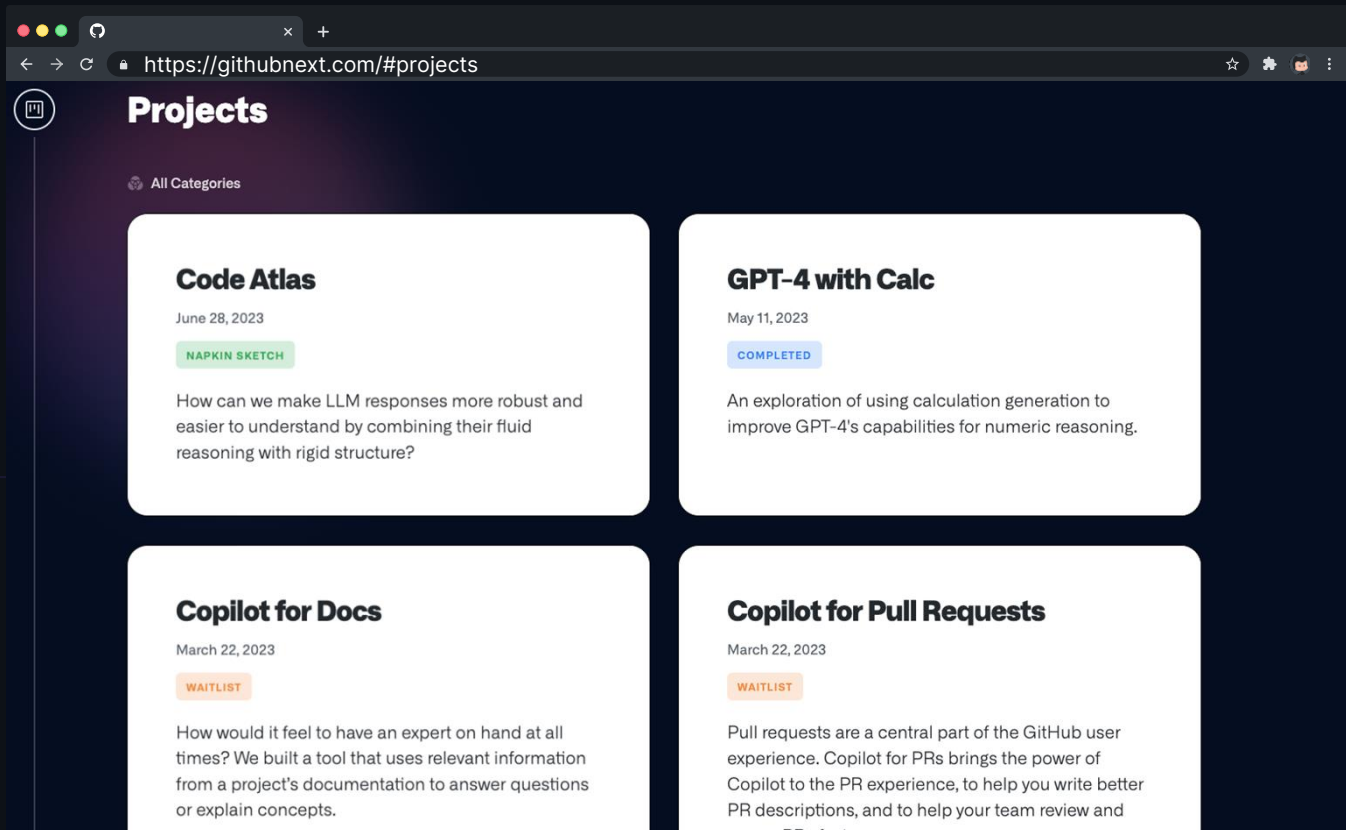
Copilot X

Feature overview

Current Copilot X features

Copilot roadmap

GitHub Copilot - What's coming up?

https://githubnext.com/#projects

Projects

All Categories

Code Atlas

June 28, 2023

NAPKIN SKETCH

How can we make LLM responses more robust and easier to understand by combining their fluid reasoning with rigid structure?

GPT-4 with Calc

May 11, 2023

COMPLETED

An exploration of using calculation generation to improve GPT-4's capabilities for numeric reasoning.

Copilot for Docs

March 22, 2023

WAITLIST

How would it feel to have an expert on hand at all times? We built a tool that uses relevant information from a project's documentation to answer questions or explain concepts.

Copilot for Pull Requests

March 22, 2023

WAITLIST

Pull requests are a central part of the GitHub user experience. Copilot for PRs brings the power of Copilot to the PR experience, to help you write better PR descriptions, and to help your team review and

Next deck