

A whole new way to work

# Retros

 What - GitHub Copilot is an AI pair programmer trained on natural language text and source code from publicly available sources



- How Install an extension called GitHub Copilot/Copilot
  Chat on popular IDE (VS Code, IntelliJ)
- Why Mostly improve your productivity and efficiency on your daily work





# **Agenda**

**Use Cases** 

Live Demo

Limitations



# **Use Cases**

- Layout Layout Base on Native, Layout based on Framework etc
- Style Pure style, UI Libraries etc
- Interaction Code Generation, Structural Data,
  Common Util Generation, Code Explanation,
  Code Refactor etc







### **Blog Application**

- Summary Page
  - Vertical layout
  - Full Width, Fixed Height 200px
  - Title, description, author, star, created time
- Detail Page
  - Back Icon
  - Transform Markdown into HTML

#### Blog 1

This is the first blog

Author: John Doe

Star: 5

Created Time: 2021-10-01

### Blog 1

This is the first blog.

#### Section 1

Lorem ipsum dolor sit amet, consectatur odipisolog elit. Sed eu

#### Section 2

Sed euismod, sapien vel lacinia luctus, veilt sepien bibendum s

 $\leftarrow$  Back





### **Limitations**

- 1. Distracting as it can suggest many different things, which can be overwhelming, it can lead to a loss of concentration, which can ultimately slow down the coding process
- 2. Bad Habits suggested code is not optimized, inefficient or even insecure, it is not friendly for *new programmers* who are not ability to identify
- 3. Version Detect suggest code is not well based on existing code of workspace as the trained data is based on 2021 and previous





### **GitHub Next**

#### Code Atias

June 26, 2023

SECTION SECTION

how can we make ULM responses more robust and easier to understand by combining their fluid masoning with rigid structure?

#### Copilot for Docs

Nami 21 2025

BATLE

How would itfeel to have an expert on hand at all times? We built a heal that uses relevant information. from a project's documentation to answerquestons. or explain concepts.

#### Copilot for CLI

Heroit S.L. Still S.

Charles Contact Control

Ever having brushle semembering that shall command orthis absours flag? Dont worsy: we're building Bill-lub Capitot sestatance right into your terminal

#### GPT-4 with Calc

May 91, 2020

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

#### Copilot for Pull Recuests

March 31, 2023

Pull requests are a pentrul part of the GitHub user experience. Copilly for PRs brings the power of Copilotto the PR experience, to helgyou write batter PR descriptions, and to help your team review and merge PRs faster.

#### Copilot Voice

Mesch 33, 2012 10000

Write node without the keyboard. Difficulty/spring? Use your voice to code without spelling things out by talking with GitHub Coprot.

#### Code Brushes

Serven 15, 2502

CHARGE SHARESTON

Can editing and afeet more traffle, the painting with Photoshop brushes? We added a bolbox of brushes to our visual Studio Cose extension that can modify your code.

#### GitHub Blocks

SOVETTON 3, 2022

Salmagine appealer/searth ruston, interactive blocks. Build rich documentation, enhance your workflows, and diring your collebase to life.

#### Collaborative Workspaces

Denotes 14, 2/22

NAMES OF TAXABLE

As we increasingly work together remotels, how might we unify our workflows to enable remote. selfaboration for developers! Gitt No Next expience what 'working together' means, beyond multiple pursors and a shared cide entor.

#### GitHubCopilot Radar

Outstan 10, 2012

GitHub Copilot Radar is a code navigation tool that shows developers the most relevant line to their position in the code. Writing to definition on ineurs() steolds.

#### GitHub Copilot for "Your" Codebase

Databe 13, 2027

We want to let Copilot see the code in your entre repo to make suggestions even befor.

#### Incremental CodeQL

October 11, 2012

RESERVEN PROTECTIVE

Faste feedback about security vulnerabilities on your





I have to say Copilot do helpful for our development work but we can't be fully rely on it.

Just a Copilot!





## THANK YOU!

