



# GitHub Copilot

Now available for individuals and businesses

# Give your developers a huge advantage



## **Increase developer productivity**

And satisfaction by focusing on real problems



## **Accelerate innovation**

Prototype & innovate more rapidly



## **Bridge skill gaps**

Learn new languages and techniques





Offers code suggestions,  
contextualized to your project

Convert comments to code

Autofill for repetitive code

Show alternatives

A screenshot of a code editor interface. At the top, there are three tabs: "sentiment.ts" (active), "write\_sql.go", and "parse\_expense.go". The main editor area shows a TypeScript file with the following code:

```
1 #!/usr/bin/env ts-node
2
3 import { fetch } from "fetch-h2";
4
5 // Determine whether the sentiment of
6 // Use a web service
7 async function isPositive(text: string) {
8   const response = await fetch('http://
9     method: "POST",
10    body: `text=${text}`,
11    headers: {
12      "Content-Type": "application/x-www
13    },
14  });
15  const json = await response.json();
16  return json.label === "pos";
17 }
```

A blue Copilot suggestion box is overlaid on the code, highlighting the following lines: `const response = await fetch('http://`, `method: "POST",`, `body: `text=${text}`,`, `headers: {`, `"Content-Type": "application/x-www`, `},`, `});`, `const json = await response.json();`, and `return json.label === "pos";`. At the bottom of the suggestion box is the Copilot logo and the word "Copilot".



96%

say they are faster  
with repetitive tasks

88%


say they are more  
productive

74%

focus on more  
satisfying work

```
sentiment.ts  write_sql.go  parse_expense

1  #!/usr/bin/env ts-node
2
3  import { fetch } from "fetch-h2";
4
5  // Determine whether the sentiment of
6  // Use a web service
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11         headers: {
12             "Content-Type": "application/x-www
13         },
14     });
15     const json = await response.json();
16     return json.label === "pos";
17 }
```



## Developers using GitHub Copilot...

88%

...have faster completion

87%

...exert less mental effort  
on repetitive tasks

77%

...spend less time  
searching

73%

...stay more in the flow

60%

...are more fulfilled with  
[their] job

59%

...are less frustrated  
when coding



# GitHub Copilot



John Skoubourdis  
@scoumbourdis

GitHub Copilot is like giving a programmer a super power 🦸

11:41 PM · Jun 2, 2022

1,579 Retweets 137 Quote Tweets 22.6K Likes



Alex MacCaw  
@maccaw

One of the best uses of GitHub CoPilot is autocompleting your tests.

At this point it's writing the majority of my tests.

5:55 PM · Oct 29, 2022

20 Retweets 3 Quote Tweets 307 Likes



swyx  
@swyx

By far the greatest benefit of using @Github Copilot so far is I now don't have to be forced to document my code.

I actively \*want\* to write great comments, because when I do, I get the dopamine hit of a good Copilot suggestion.

7:51 PM · Oct 12, 2022 from Puerto Vallarta, Jalisco

21 Retweets 3 Quote Tweets 338 Likes



@willman@xoxo\_zone  
@willmanduffy

You win this round Copilot

```
updateMyselfMutationVari  
Name: 'Bob',  
ame: 'Builder',
```

5:01 PM · Jun 14, 2022

50 Retweets 3 Quote Tweets 780 Likes



Danny Postma  
@dannypostmas

AI is doing 80% of my coding – the future looks brighter than ever! 🤖

```
90 methods: {  
91   async fetch () {  
92     // |  
93   }  
94  
95   this.test = await this.saxios.$get('/admin/analytics', {  
96     params: {  
97       startDate: this.date.start,  
98       endDate: this.date.end  
99     }  
100   })  
101   this.isLoading = false  
102 }  
0:17 493.5K views
```

4:37 PM · Dec 1, 2022

1,161 Retweets 187 Quote Tweets 9,969 Likes



JD Ross  
@justindross

Some of our engineers just told me they'd estimate 40% of the lines of code they produce are now written by the Github CoPilot AI

6:13 PM · Oct 19, 2022

386 Retweets 159 Quote Tweets 5,220 Likes



# Keep flying with your favorite editor



VS Code



GitHub Codespaces



Visual Studio (Windows)



JetBrains IDEs



Neovim



# GitHub Copilot

Once enabled...



OpenAI  
Codex



Context

Suggestions



Visual Studio



Neovim



VS Code



JetBrains IDEs

```
runtimego  course.rb  time.js  IsPrimeTest.java

1 package main
2
3 type Run struct {
4     Time int // in milliseconds
5     Results string
6     Failed bool
7 }
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
```





# Let's demo!



## For Individuals

- Plugs right into your editor
- Turns natural language prompts into code
- Offers multi-line function suggestions
- Speeds up test generation
- Blocks suggestions matching public code

## For Business

*Everything included in Copilot for Individuals, plus*

- Simple license management
- Organization-wide policy management
- Industry-leading privacy



# Individual controls



Turn it on and off

Right from your IDE



You can opt-out of telemetry

Share your code snippets (or don't)



Filtering Public code matches

Allow or block suggestions



# Business controls



## Policy controls

At the Enterprise and Organization Level



## Easy to assign users

Migration support built-in



## Filtering public code matches

Allow or block suggestions for your business





### GitHub Copilot tomorrow

Refactoring code (code translate)  
Reviewing code (code explain)  
Documentation

### GitHub Copilot tomorrow

Unit testing  
Finding code errors  
Debugging  
Code review  
AI Pull Requests

### GitHub Copilot today

Convert comments to code  
Autofill for repetitive code  
Show alternatives



# Get the advantages of AI today



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And satisfaction by focusing on real problems



## **Accelerate innovation**

Prototype & innovate more rapidly



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# Q&A



# Thank you







