

Logosoft



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Geleceğin Kodları GitHub Copilot'da Yazılıyor

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Open Business
Software Solutions

GitHub Platform



Powered by AI



Collaboration

Pull requests

Projects

Issues

Discussions

Merge queue

Search



Productivity

CI/CD with Actions

Automation

Copilot

Codespaces

Runners

npm



Security

Advanced Security

Secret scanning

Security overview

Supply chain

Dependabot



Scale

100M+ developers

Source code management

Integrations & APIs



Powered by AI



Copilot
enables
faster
coding by
55%



75% of
developers are
more fulfilled



20,000+
businesses
have used it

46% of code
is written with the
help of Copilot

More than
1M developers

Geliştiricilerinize büyük bir avantaj sağlayın



Geliştirici üretkenliğini artırın

Ve gerçek sorunlara odaklanarak memnuniyet sağlayın



İnovasyonu hızlandırın

Prototip yapın ve daha hızlı yenilik yapın



Yeteneklerinizi geliştirin

Yeni diller ve teknikler öğrenin





Projenize uygun hale getirilmiş kod önerileri sunar


Yorumları koda dönüştürün

Tekrarlanan kod için otomatik doldurma

Alternatifleri göster

```
TS 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
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 }
```





96%

tekrarlayan görevlerde daha **hızlı** olduklarını söylüyorlar

88%

daha **üretken** olduklarını söylüyorlar

74%

daha **tatmin edici** işlere odaklandıklarını söylüyorlar

```
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
7  async function isPositive(text: string) {
8    const response = await fetch(`http://
9      method: "POST",
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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 }
```

Copilot

GitHub Copilot kullanan geliştiriciler...

88%

...daha hızlı tamamlama

87%

...tekrarlayan görevler
için daha az zihinsel çaba
sarf edin

77%

...aramak için daha az
zaman harcayın

73%

...akışta daha fazla kalın

60%

...işin sonucu ile daha
fazla tatmin oluyorlar

59%

...kodlama sırasında
daha az hayal kırıklığına
uğurlar



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
@dannypostma

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

```
98 methods: {  
99   async fetch () {  
100     // |  
101     this.test = await this.saxios.$get('/admin/analytics', {  
102       params: {  
103         startDate: this.date.start,  
104         endDate: this.date.end  
105       }  
106     })  
107     this.isLoading = false  
108   }  
109 }  
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



En sevdiğiniz
editörle uçmaya
devam edin



VS Code



GitHub Codespaces



Visual Studio (Windows)



JetBrains IDEs



Neovim





Etkinleştirildiğinde...



OpenAI
Codex



Şartlar

Oneriler



Visual Studio



Neovim



VS Code



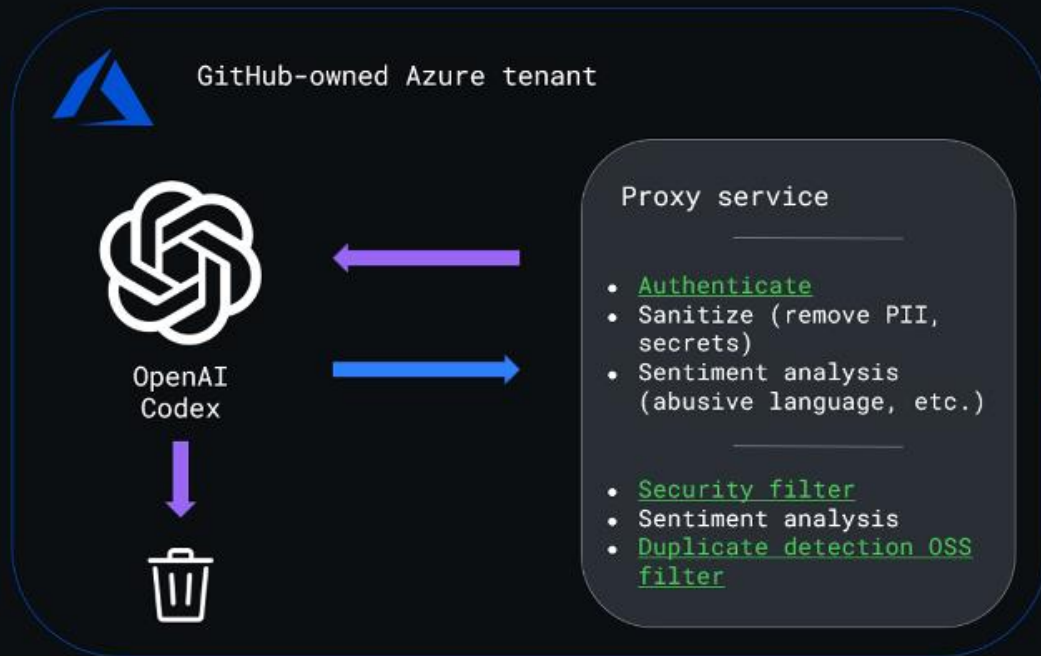
JetBrains IDEs

```
runtime.go  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
```



Data flow



```
runtime.go  course.rb  time.js

1 package main
2
3 type Run struct {
4     Time int // in milliseconds
5     Results string
6     Failed bool
7 }
8
9 // Get average runtime of success
10 func averageRuntimeInSeconds(runs
11     var totalTime int
12     var failedRuns int
13     for _, run := range runs {
14         if run.Failed {
15             failedRuns++
16         } else {
17             totalTime += run.Time
18         }
19     }
20
21     averageRuntime := float64(tot
22     return averageRuntime
23 }
```

Copilot





Copilot

Your AI pair programmer.

Uses the context you've provided
and synthesizes code to match.



Convert comments to code



Autofill for repetitive code



Autosuggest tests



Show alternatives

ts sentiment.ts

write_sql.go

parse_expenses.py

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

Copilot



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Show alternatives

Figure 1: Magic Quadrant for AI Code Assistants



Let's demo!





Features	Individual	Business	Enterprise
Pricing	Monthly: \$10 or Annual: \$100	User: \$19/month	User: \$39/month
IDE Code Completion	✓	✓	✓
Copilot Chat in IDEs	✓	✓	✓
Copilot Chat on GitHub Mobile	✓	✓	✓
Copilot Chat on GitHub.com	✓	✓	✓
Copilot Chat in Windows Terminal	✓	✓	✓
Copilot in Command Line	✓	✓	✓
Block Suggestions Matching Public Code	✓	✓	✓
Pull Request Summaries	✓	✓	✓
Enhanced Copilot Chat Capabilities in IDEs	✓	✓	✓
Exclude Specific Files from Copilot	✓	✓	✓
Organization-Wide Policy Management		✓	✓
Audit Logs		✓	✓
Enhanced GitHub Model Rate Limits			✓
Copilot Knowledge Bases			✓
Custom Large Language Model Tuning			✓



AI'nın avantajlarından bugün yararlanın



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Yeni diller ve teknikler öğrenin



GitHub Enterprise Platform

**Built for tomorrow,
ready for today.**



Q&A





Open Business
Software Solutions



Thank you

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