

Artificial
Intelligence for
Business

Low Code/No Code
+
Github Copilot

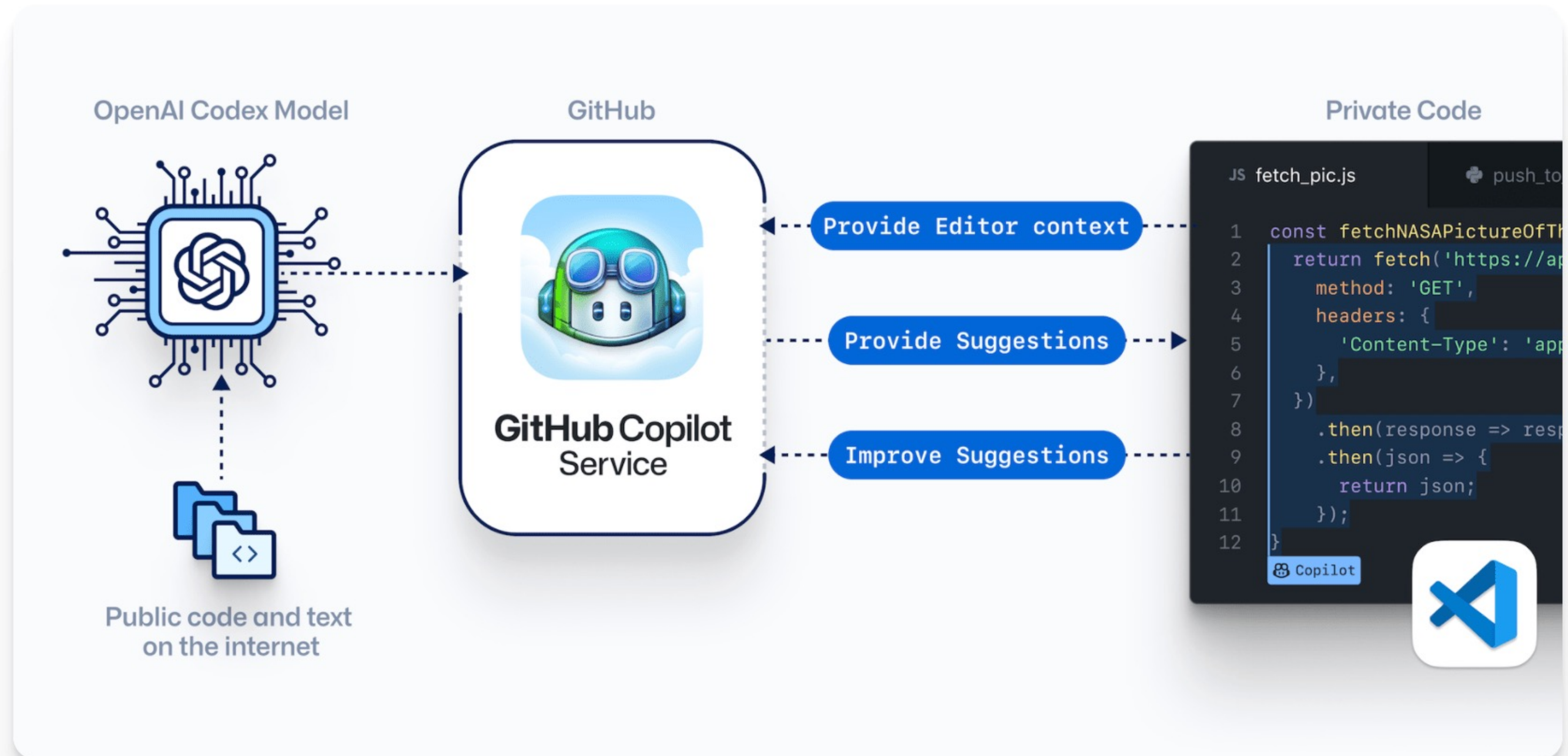
<https://github.com/iportilla/lowcode>

- Intros
- ChatGPT 101
- Business Examples
- GitHub Copilot

- ❑ Details around the use case(S)
- ❑ Expected benefits.
- ❑ Test plan.
- ❑ How will it drive cost savings or revenue.
- ❑ Number of people that will be part of the evaluation / testing.

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GitHub Copilot



GitHub Copilot

An AI-
powered
coding
assistant

Uses ML
models for
code
suggestions &
completions

Integrates
with most
code editors

Copilot **Key** Features

- Intelligent Code Suggestions
- Code Completions
- Natural Language Support
- Programming Language Support

<https://docs.github.com/en/copilot/quickstart>

How does it work?

- **Built** on OpenAI's Codex, a powerful LLM trained on diverse code repositories.
- **Analyzes** the code context, comments, & other inputs to generate relevant code suggestions.
- **Learns** from user feedback and continuously improves over time.

<https://docs.github.com/en/copilot/quickstart>

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Use Cases & Benefits

- Collaboration
- Learning Tool
- Efficiency and Productivity
- Code Quality

<https://docs.github.com/en/copilot/quickstart>

Concerns & Challenges

- Intellectual Property: Copilot suggests code based on the patterns **it has learned**
- Bias and Security: GitHub and OpenAI are working to **address potential biases and security concerns** through rigorous testing and user feedback.

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Getting Started

- ✓ Installation
- ✓ Demonstration
- ✓ Useful Shortcuts

<https://docs.github.com/en/copilot/quickstart>

Test Plan & Best Practices

- Set Expectations: **Critically evaluate** and understand the code suggestions.
- User Feedback: **Provide feedback** to GitHub and OpenAI
- Continuous Learning: Explore and **experiment** with Copilot to fully leverage its potential

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Cost Savings: 55 % Faster & \$1.5 T

<https://resources.github.com/copilot-for-business/>

<https://www.harness.io/blog/the-impact-of-github-copilot-on-developer-productivity-a-case-study>

<https://github.blog/2023-06-27-the-economic-impact-of-the-ai-powered-developer-lifecycle-and-lessons-from-github-copilot/>

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Number of People

Demo

Thank you



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<https://github.com/jiportilla/giveback/>

Backup

Azure AI

Applications

 Microsoft 365

 Microsoft Dynamics 365

Partner Solutions



Business Users

Application Platform

AI Builder



Power BI



Power Apps



Power Automate



Power Virtual Agents

Scenario-Based Services

Applied AI Services



Bot Service



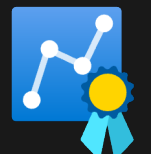
Cognitive Search



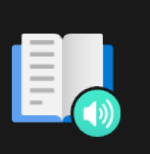
Form Recognizer



Video Indexer



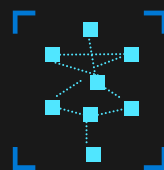
Metrics Advisor



Immersive Reader

Customizable AI Models

Cognitive Services



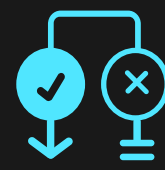
Vision



Speech



Language



Decision



OpenAI Service



Developers & Data Scientists

ML Platform



Azure Machine Learning