

# **Copilot AI-Assisted Coding Lessons Learned**

Akram Zaki, Jul-2025

<https://github.com/akramozaki/GithubCopilotDemo>

# Why GitHub Copilot, and why now?

Building Faster, Clearing Debt,  
Creating the Future



# Satya Nadella on AI + Developer Productivity (1 min)

<https://bit.ly/why-copilot>



# The Copilot Journey



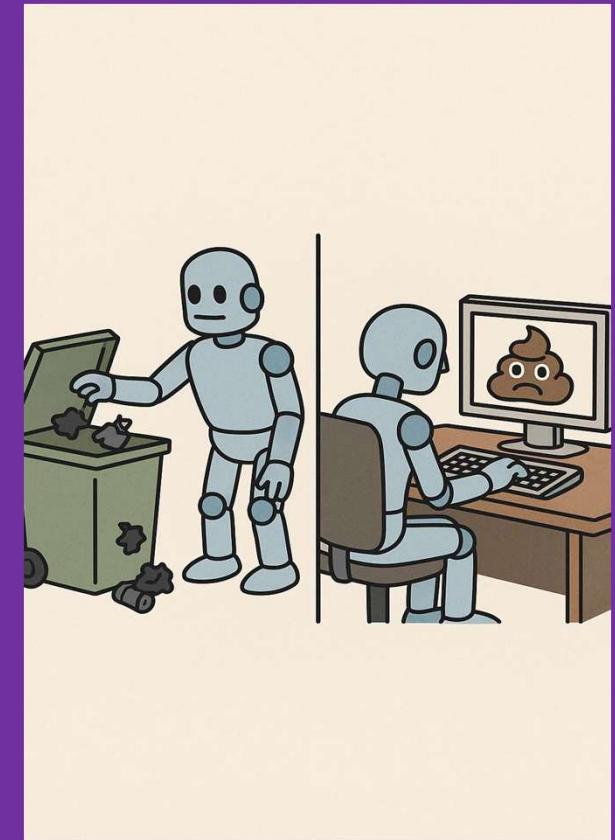
**AI is a hammer,  
not a craftsman**



**Experiments Need  
Constraints**



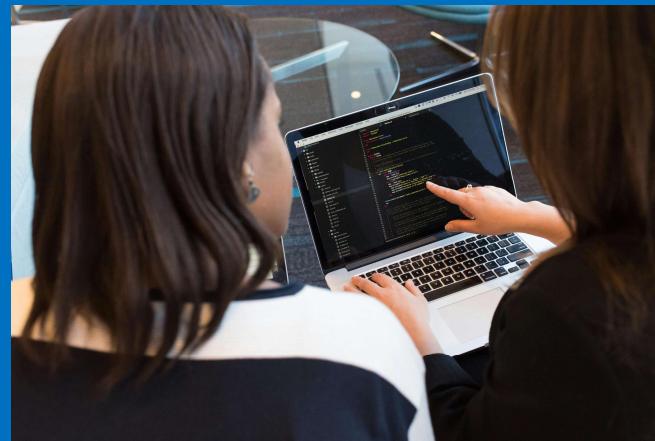
**Messy Input,  
Messy Output**



## Expectations vs Reality



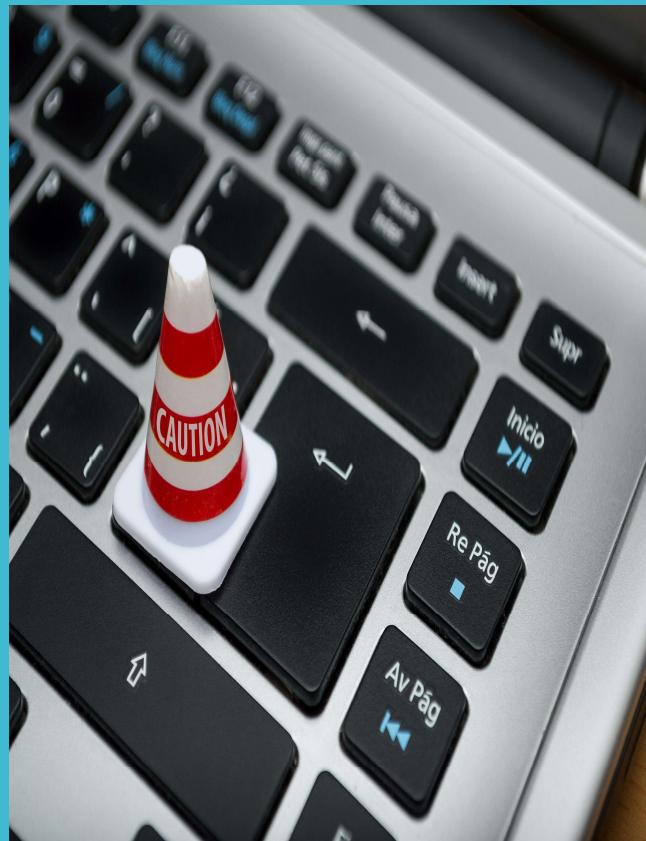
## Use It Like a Junior, Not a Genius



## Document As You Go



## Beware Leaky Prompts



## Let the Team Learn Together



## Don't Just Copilot. Code Review.



# Demo



<https://github.com/akramozaki/GithubCopilotDemo>

# Key Takeaways





**Copilot Is a Multiplier, Not a Replacement**

**Boosting Productivity vs. Enablement**

**Prompt Quality and Safe Use Are Core to Success**

**Tests Catch What Copilot Can't See**

**Feedback & Reviews Make Copilot Smarter and Safer**

**Adoption Is a Journey, Not a Switch**

**From Knowledge Workers to Agent Managers**

THANK  
YOU

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