

# expo IQA 25

MADRID  
May 20th,  
21st & 22nd  
2025



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# Masterclass content

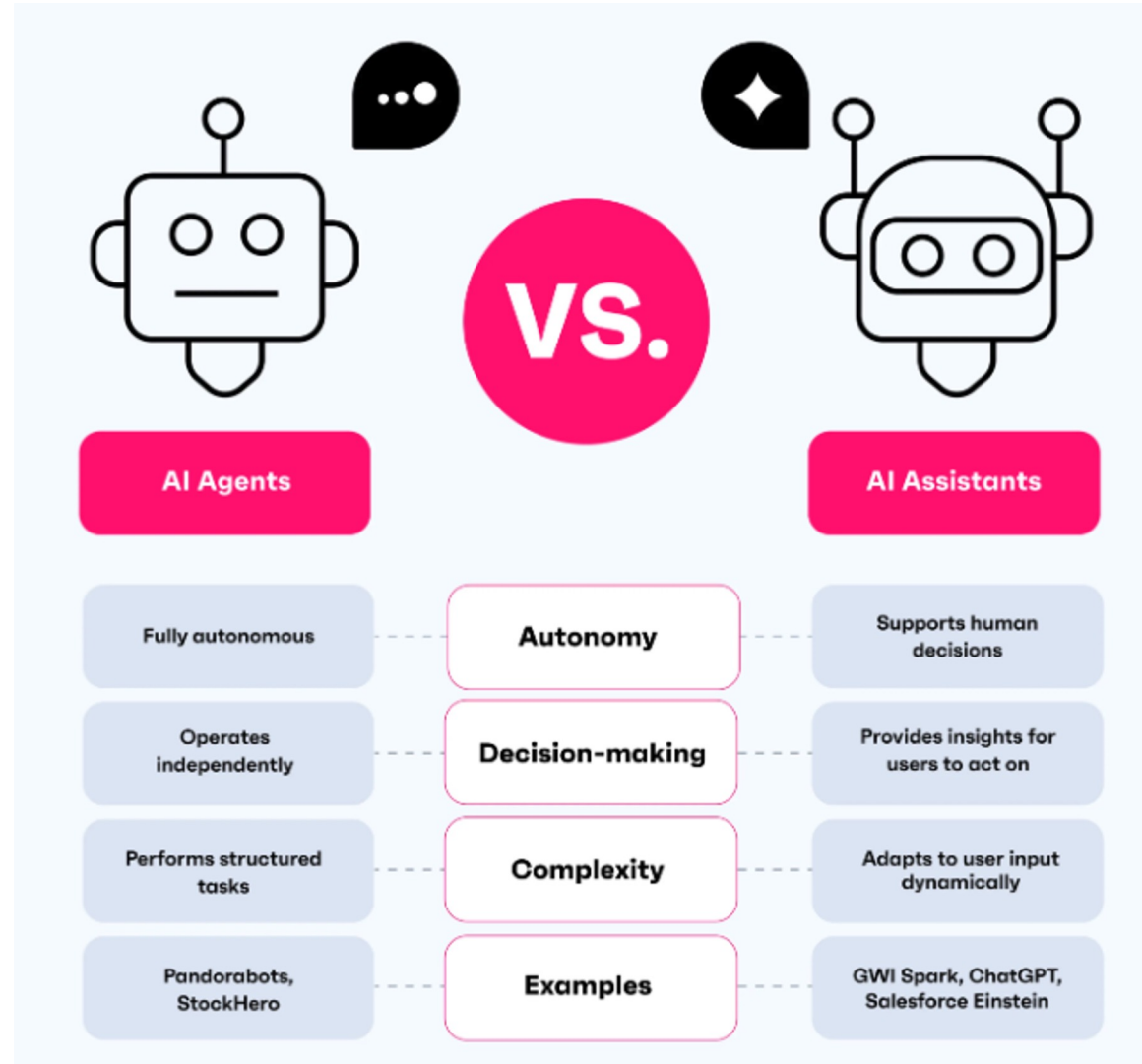
1. AI Assistants vs AI Agents

1. ChatGPT

1. GitHub Copilot

1. How to leverage AI Assistant tools for testing in the entire SDLC (practical)

# AI Assistants vs AI Agents



# ChatGPT

## Definition (given by chatGPT):

- **ChatGPT** is an advanced AI language model created by **OpenAI**.
- It understands and generates **human-like text** in real time.
- Built using **deep learning** and **natural language processing** (NLP) techniques.
- Can assist with:
  - Answering questions
  - Writing and editing content
  - Language translation
  - Tutoring and learning support
  - Creative writing (e.g., stories, scripts)
- Used in chatbots, virtual assistants, education, and business tools.



# ChatGPT

# GitHub Copilot

## Definition (given by chatGPT):

- **GitHub Copilot** is an **AI-powered coding assistant** developed by **GitHub** in collaboration with **OpenAI**.
- It uses **machine learning** to help developers write code faster and more efficiently.
- Powered by the **Codex** model, trained on billions of lines of code.
- Can assist with:
  - Code completion and suggestions
  - Writing entire functions or classes
  - Translating comments into code
  - Learning new programming languages
  - Reducing boilerplate coding
- Integrated directly into code editors like **Visual Studio Code**.



**GitHub**  
Copilot

# Let's start building our app with AI...

- **Use natural language**
- **Put instructions at the beginning of the prompt and use ### or "" to separate the instruction and context**
- **Be specific, descriptive and as detailed as possible about the desired context, outcome, length, format, style, etc**
- **Articulate the desired output format through examples**
- **Start with zero-shot, then few-shot, neither of them worked, then fine-tune**
- **Reduce “fluffy” and imprecise descriptions**
- **Instead of just saying what not to do, say what to do instead**
- **Provide context, if possible**

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Thank you for attending

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