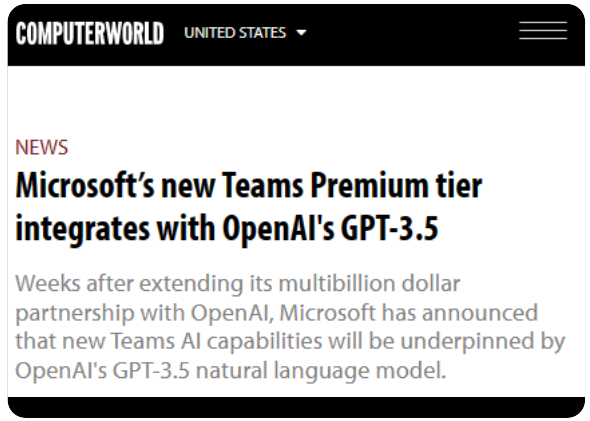
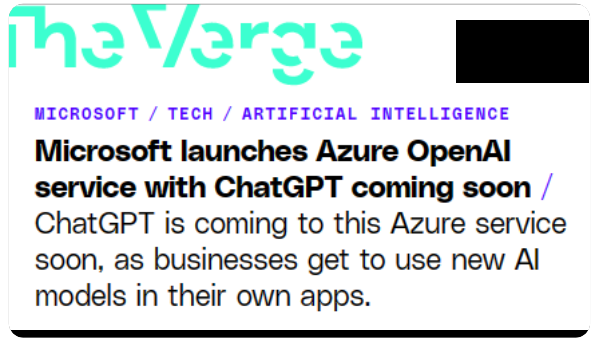
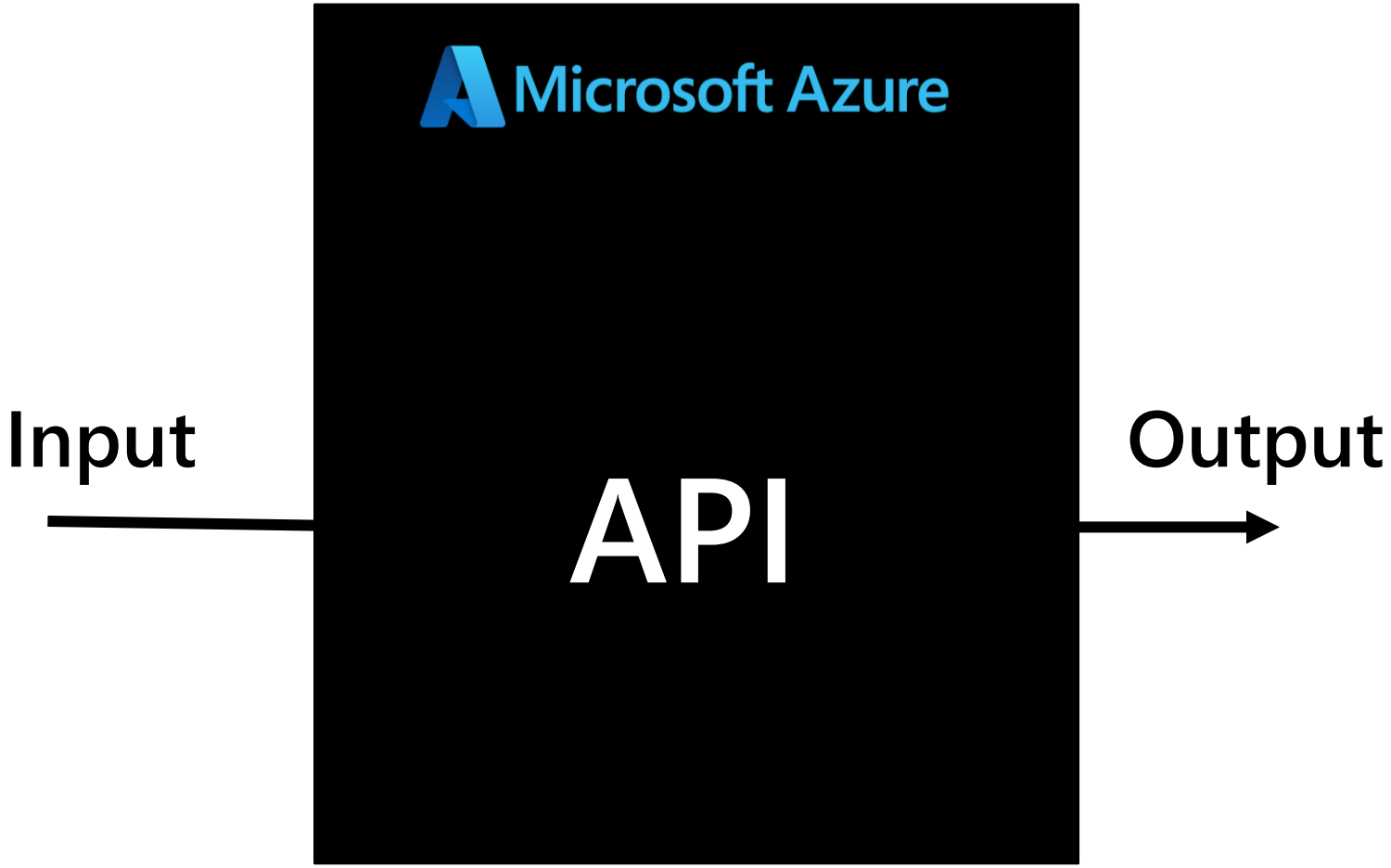
Azure OpenAI Service

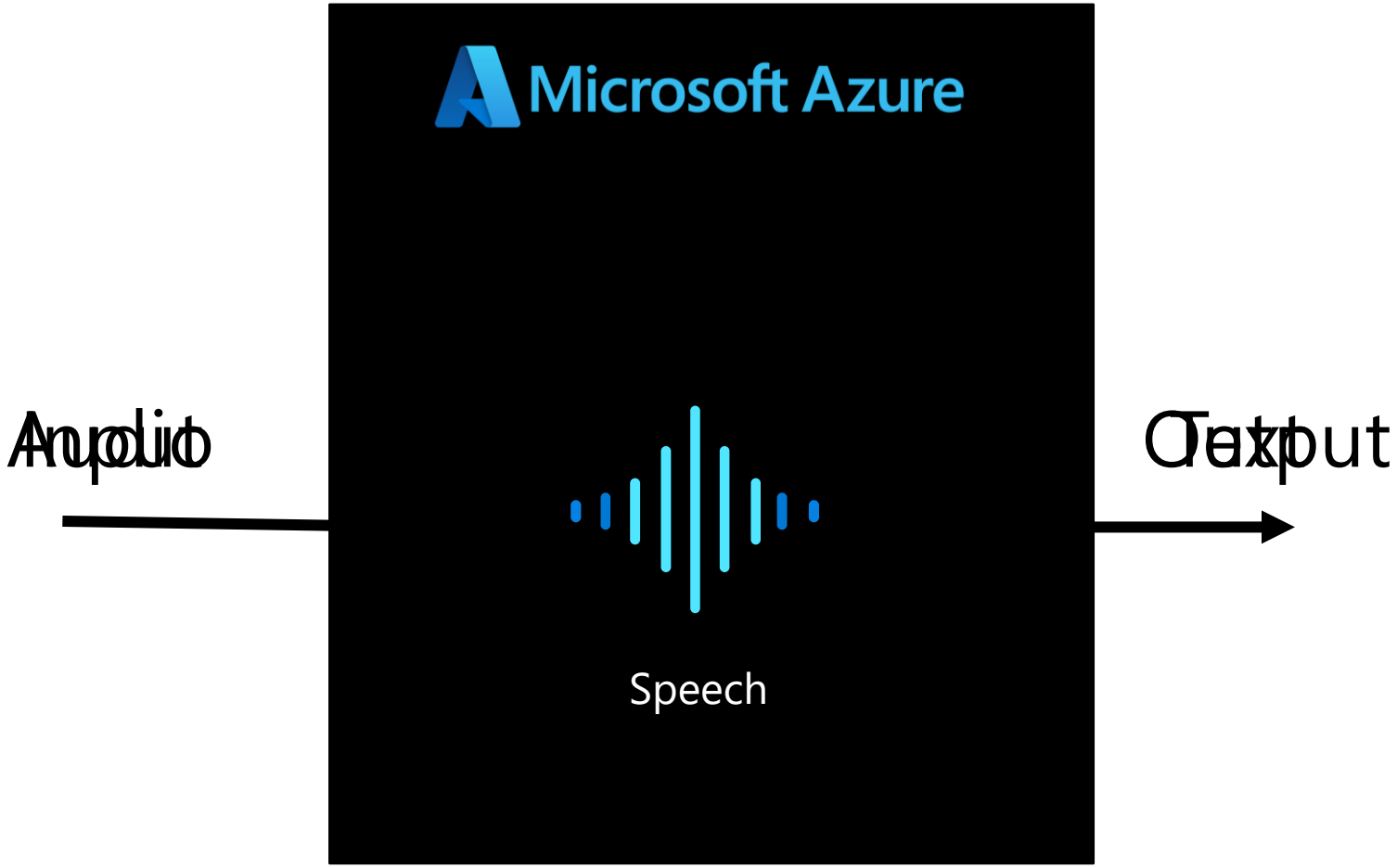
A tecnologia de IA está aqui

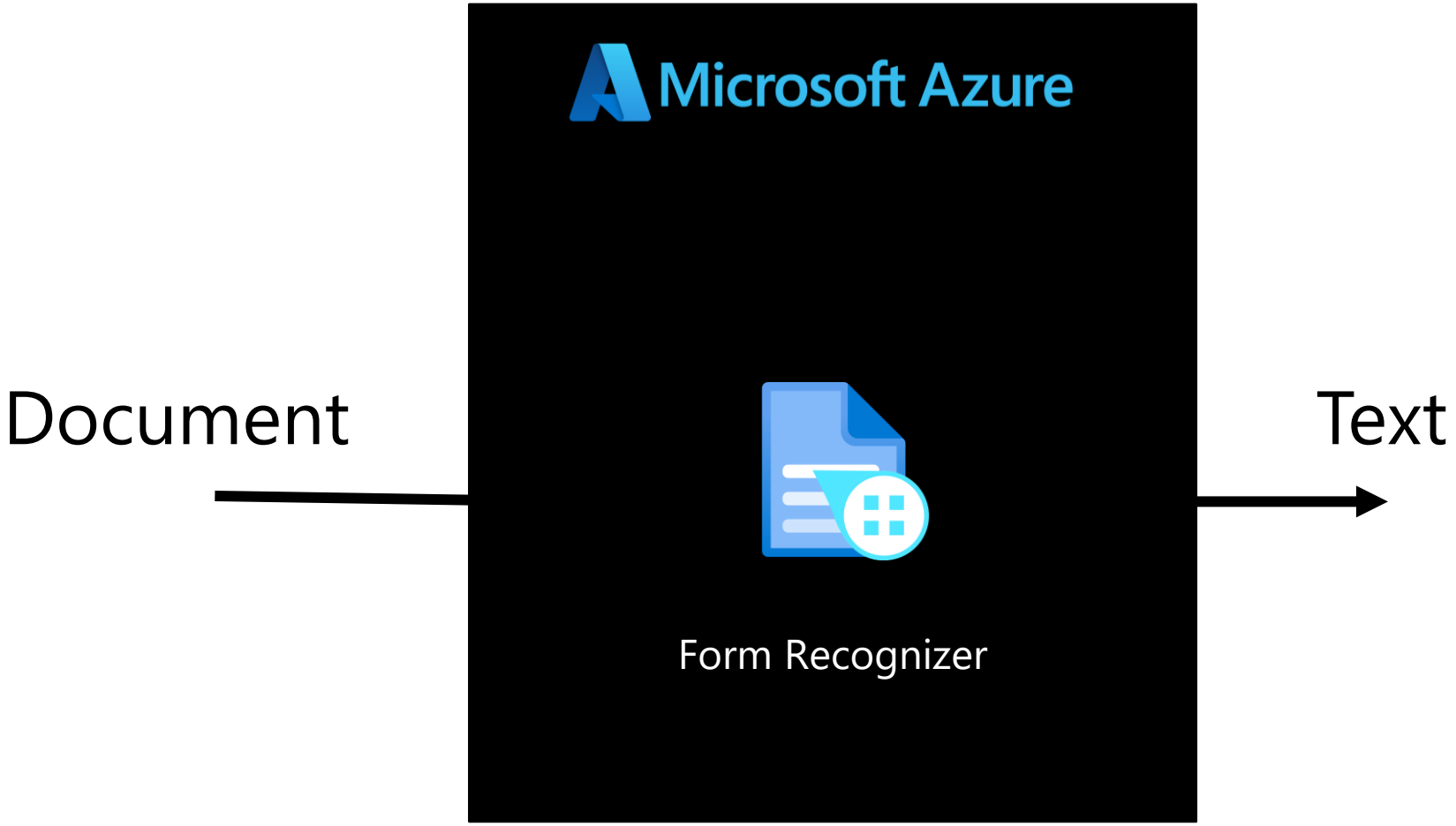


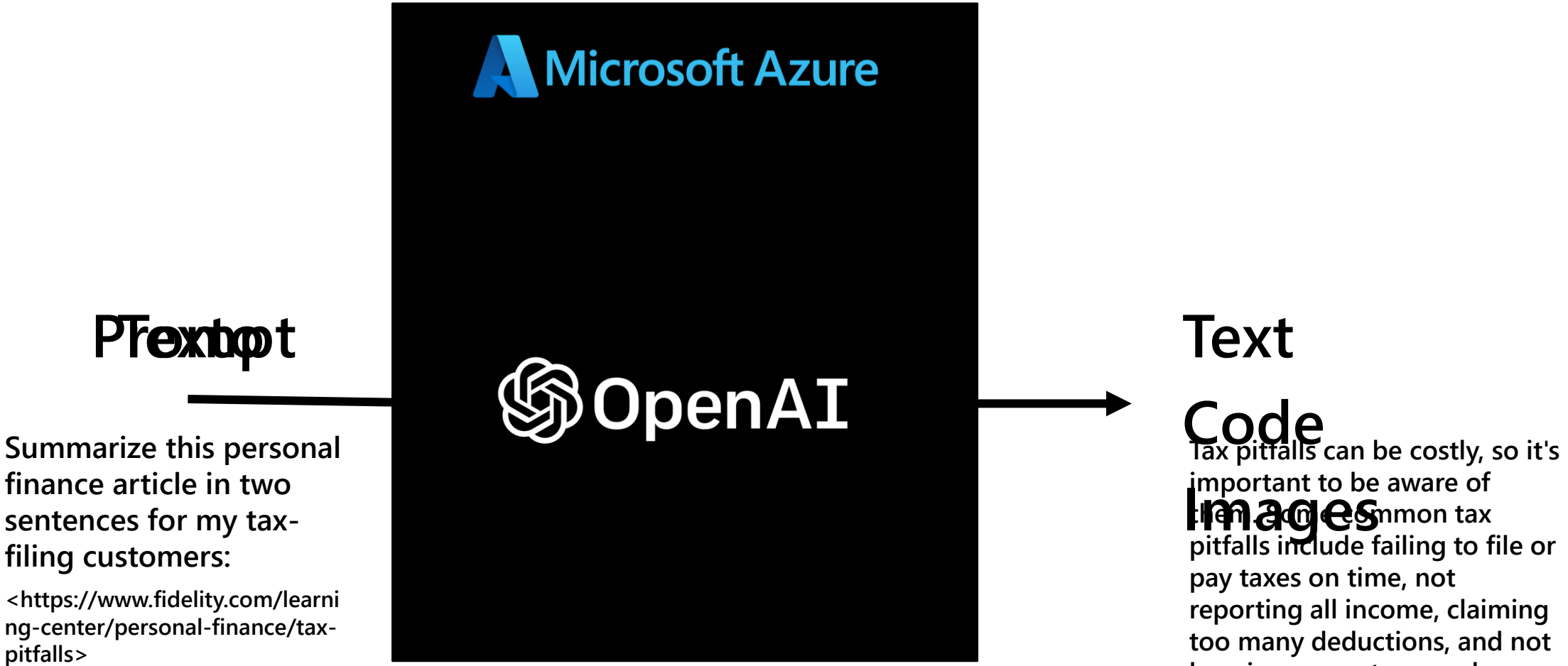


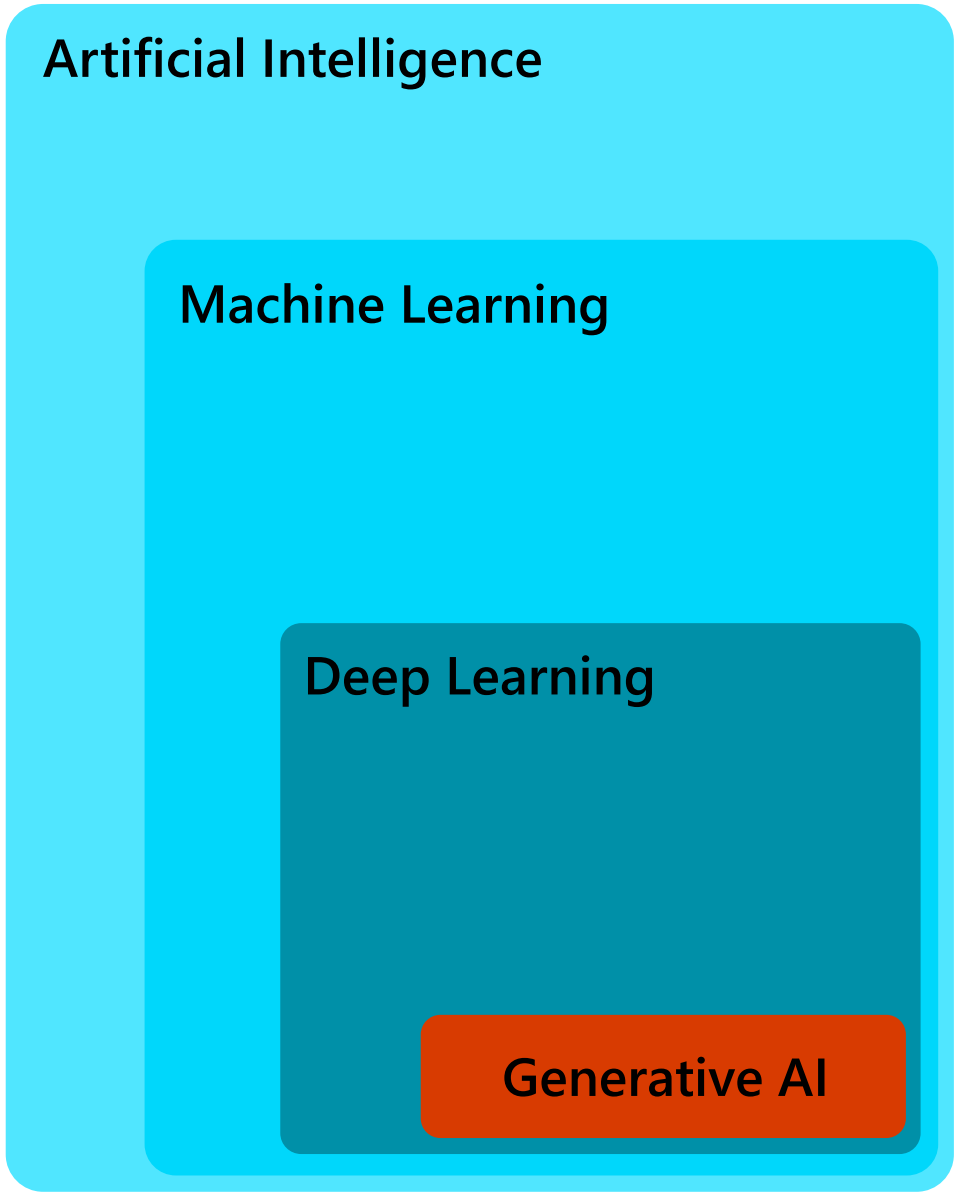
dataEX


Microsoft Azure
Input
API
Output


Microsoft Azure
Speech


Microsoft Azure
Document
Text
Form Recognizer


Microsoft Azure
OpenAI
Prompt
Summarize this personal finance article in two sentences for my tax-filing customers:
<https://www.fidelity.com/learning-center/personal-finance/tax-pitfalls>
Text
Code
Images
Tax pitfalls can be costly, so it's important to be aware of them. Some common tax pitfalls include failing to file or pay taxes on time, not reporting all income, claiming too many deductions, and not keeping accurate records.



Inteligência artificial

o campo da ciência da computação que busca criar máquinas inteligentes que possam replicar ou exceder a inteligência humana

Machine Learning

subconjunto de IA que permite que as máquinas aprendam com os dados existentes e melhorem esses dados para tomar decisões ou previsões

Deep Learning

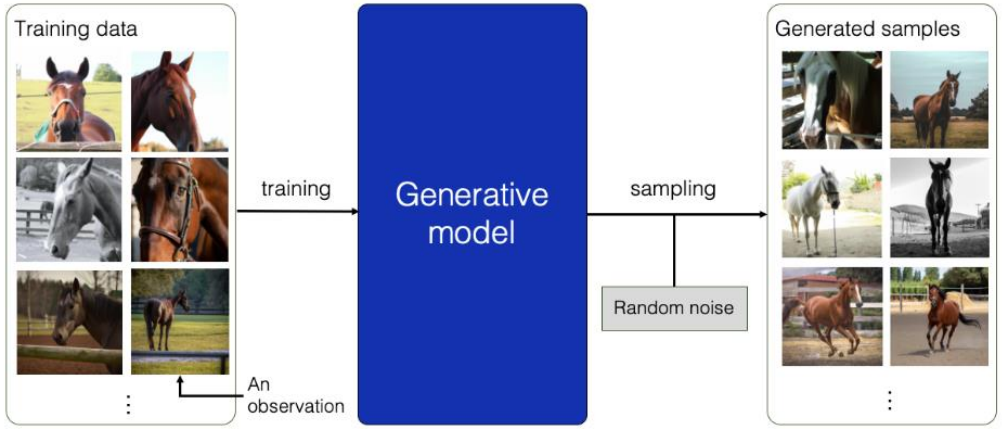
uma técnica de aprendizado de máquina na qual camadas de redes neurais são usadas para processar dados e tomar decisões

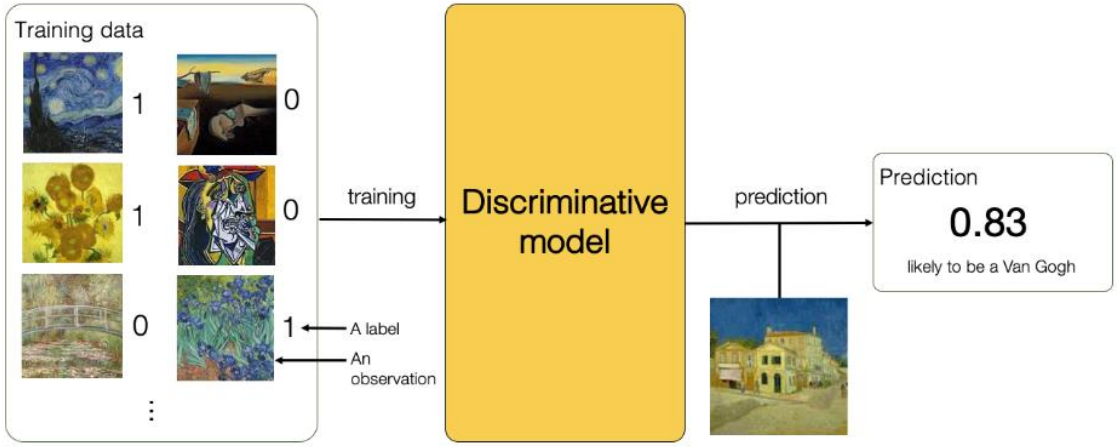
Generative AI

Crie novos conteúdos escritos, visuais e auditivos com prompts ou dados existentes.

Aprendizagem de Representação

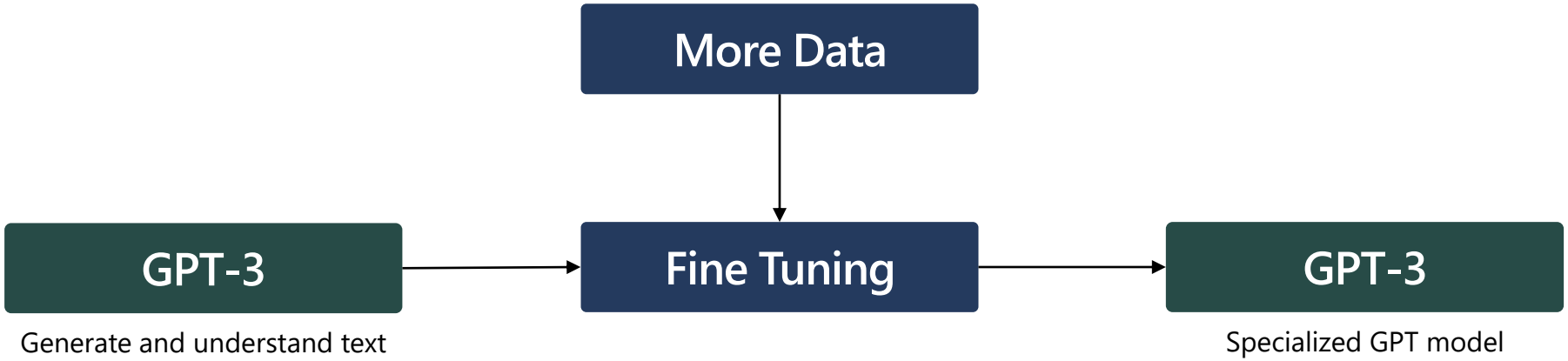
- **Generative:**
  - Aprenda representações modelando a distribuição de dados *p(x)*
- **Discriminative**
  - Aprenda representações modelando diretamente a distribuição condicional $p(y|x)$

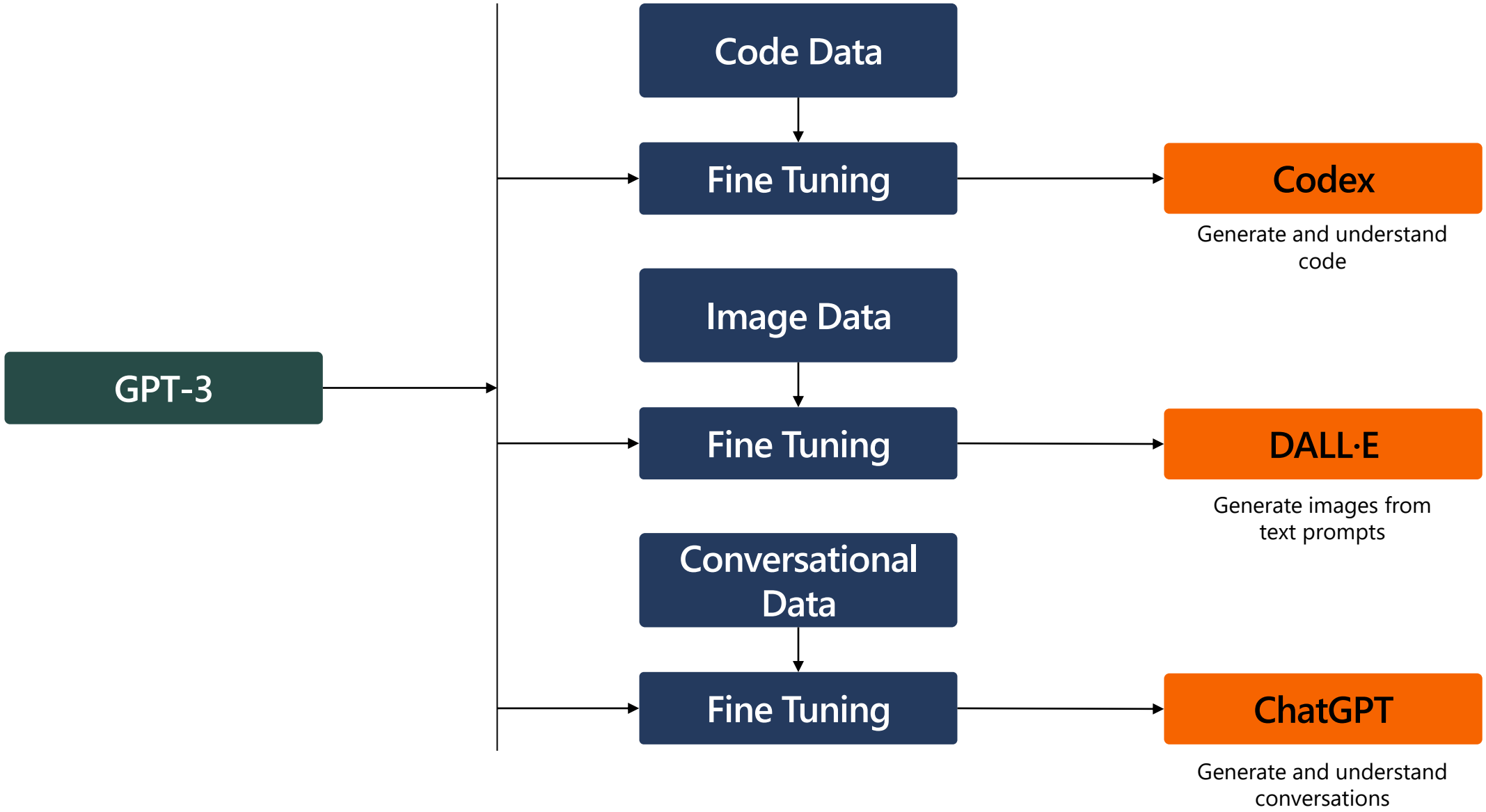




Source Images: Foster, D. (2023). Generative Deep Learning: Teaching Machines to Paint, Write, Compose, and Play. "O'Reilly Media, Inc."

Common Crawl
12 anos de web crawling
Petabytes de dados
Bilhões de páginas da web
Neural Network
Random Weights
(Does not have knowledge)
Training
GPT-3
Generate and understand text


More Data
GPT-3
Fine Tuning
GPT-3
Generate and understand text
Specialized GPT model


GPT-3
Code Data
Fine Tuning
Codex
Generate and understand code
Image Data
Fine Tuning
DALL·E
Generate images from text prompts
Conversational Data
Fine Tuning
ChatGPT
Generate and understand conversations

OpenAI

Garantir que a inteligência artificial geral (AGI) beneficie a humanidade

Microsoft

Capacitar cada pessoa e organização do planeta para alcançar mais

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GPT-3

Generate and understand text

Codex

Generate and understand code

DALL·E

Generate images from text prompts

ChatGPT

Generate and understand conversations

dataEX