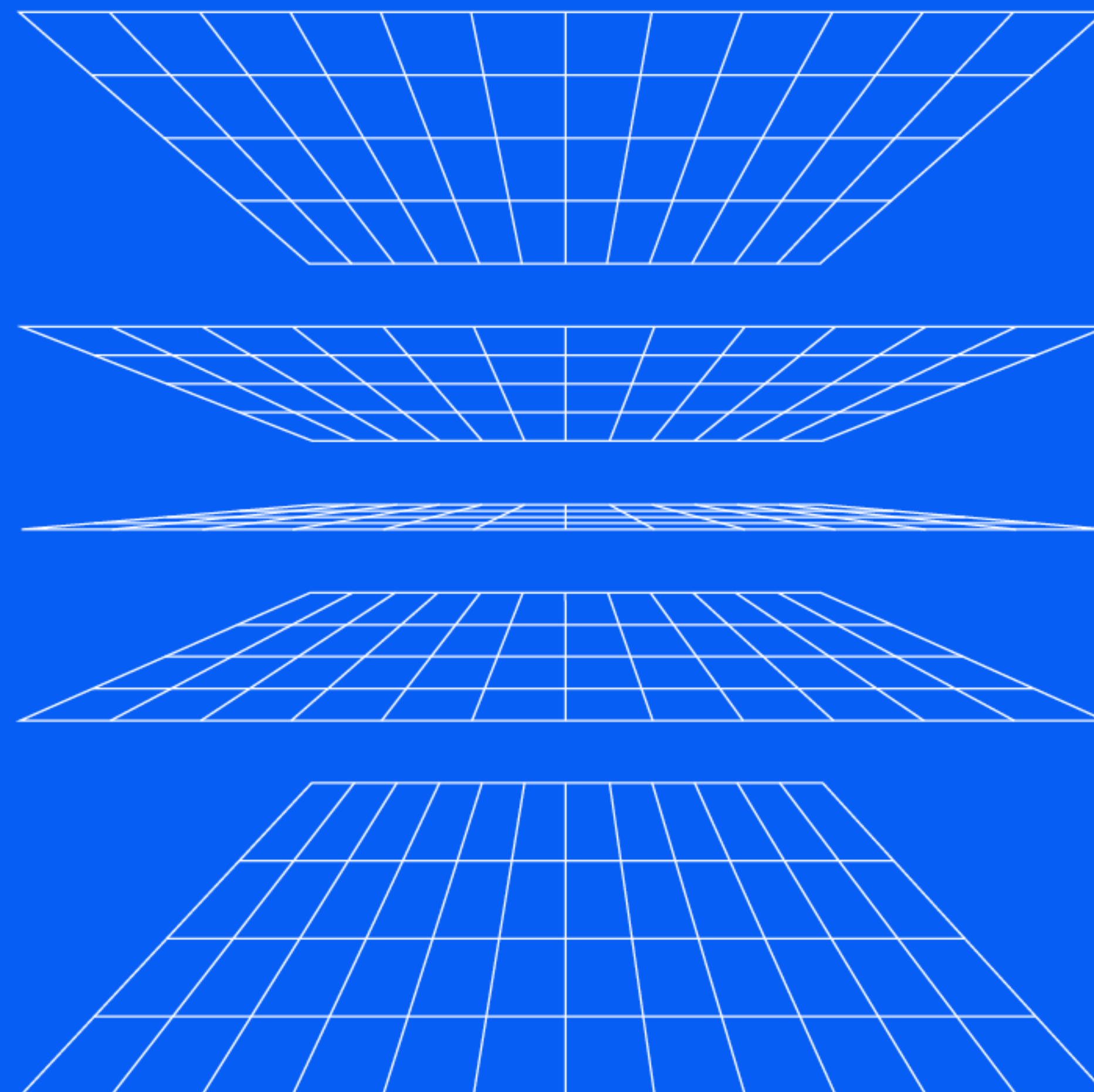




PRESENTATION

Foundations of AI

— CCCTA Annual Tourism
Summit 2025



Contents

01	What's AI?
02	Work Transformation
03	What We're Working On
04	Q&A



SECTION 01

What is AI



A Brief History of AI

1950

THE TURING TEST

Human evaluator engages with natural language conversation with a machine

1997

NATURAL LANGUAGE PROCESSING

Teaches computers to understand and use human language using techniques like machine learning

2022

CHATGPT

Launched by OpenAI and breaks the internet: 1M users in 5 days

1980

NEURAL NETWORKS

Machine learning models that mimic the brain, learning to recognize patterns and make predictions via artificial neuron's connections

2018

GPT

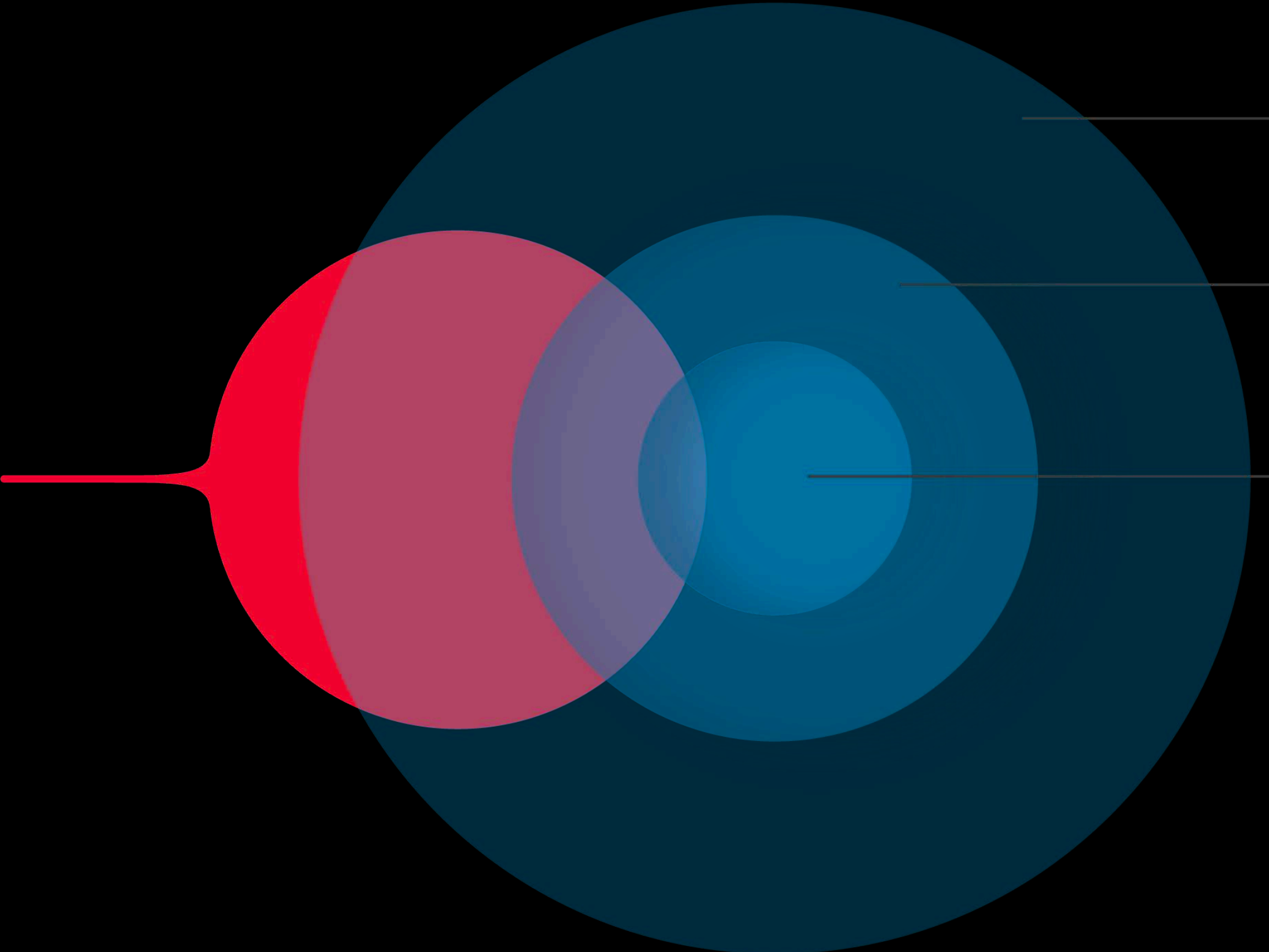
Google invents Generative Pre-Trained Transformers with BERT. This technology is used to interpret *intent* behind keywords and phrases typed into the search bar

2025

GPT-4

Multi-modal generative AI trained on 1T parameters

DATA SCIENCE

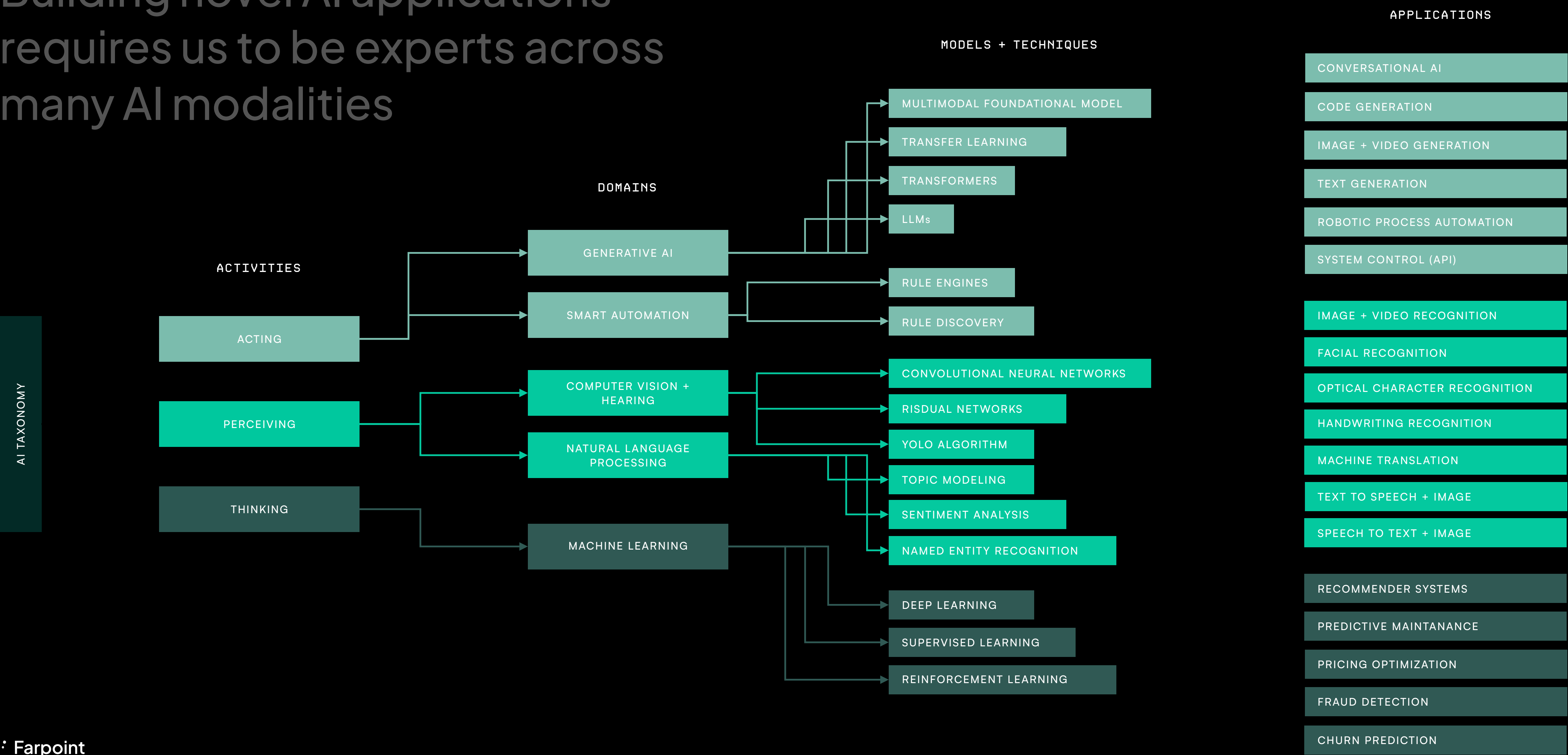


ARTIFICIAL
INTELLIGENCE

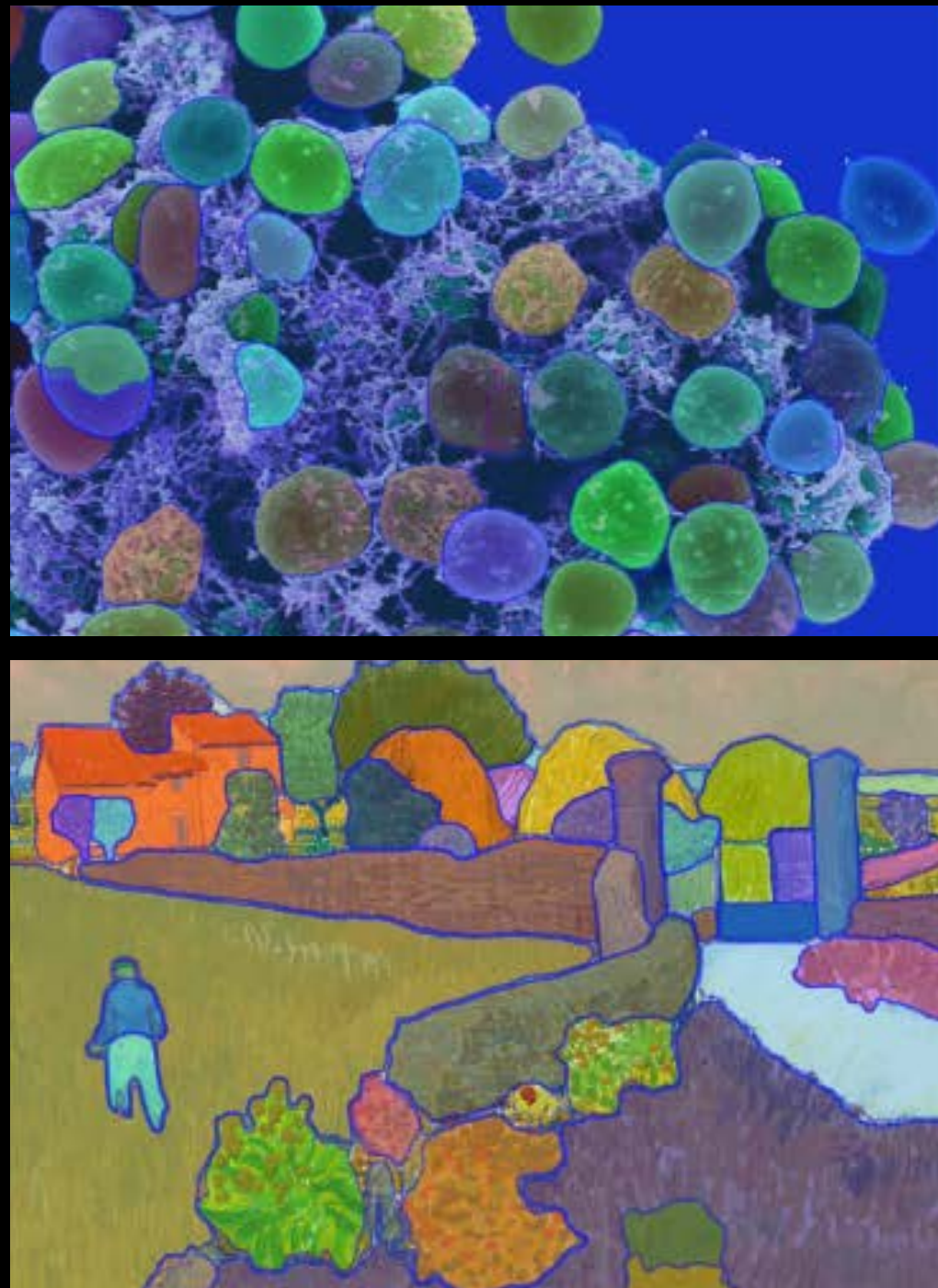
MACHINE LEARNING

DEEP LEARNING

Building novel AI applications requires us to be experts across many AI modalities



Convolutional Neural Networks

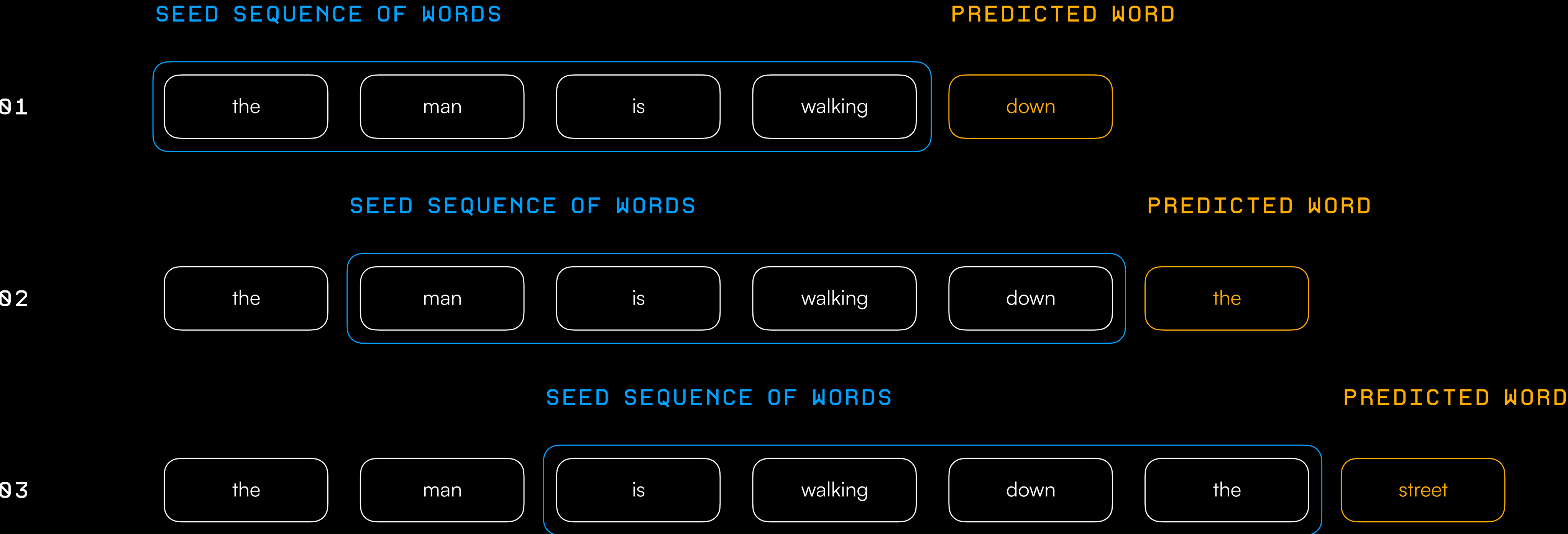


OBJECT RECOGNITION



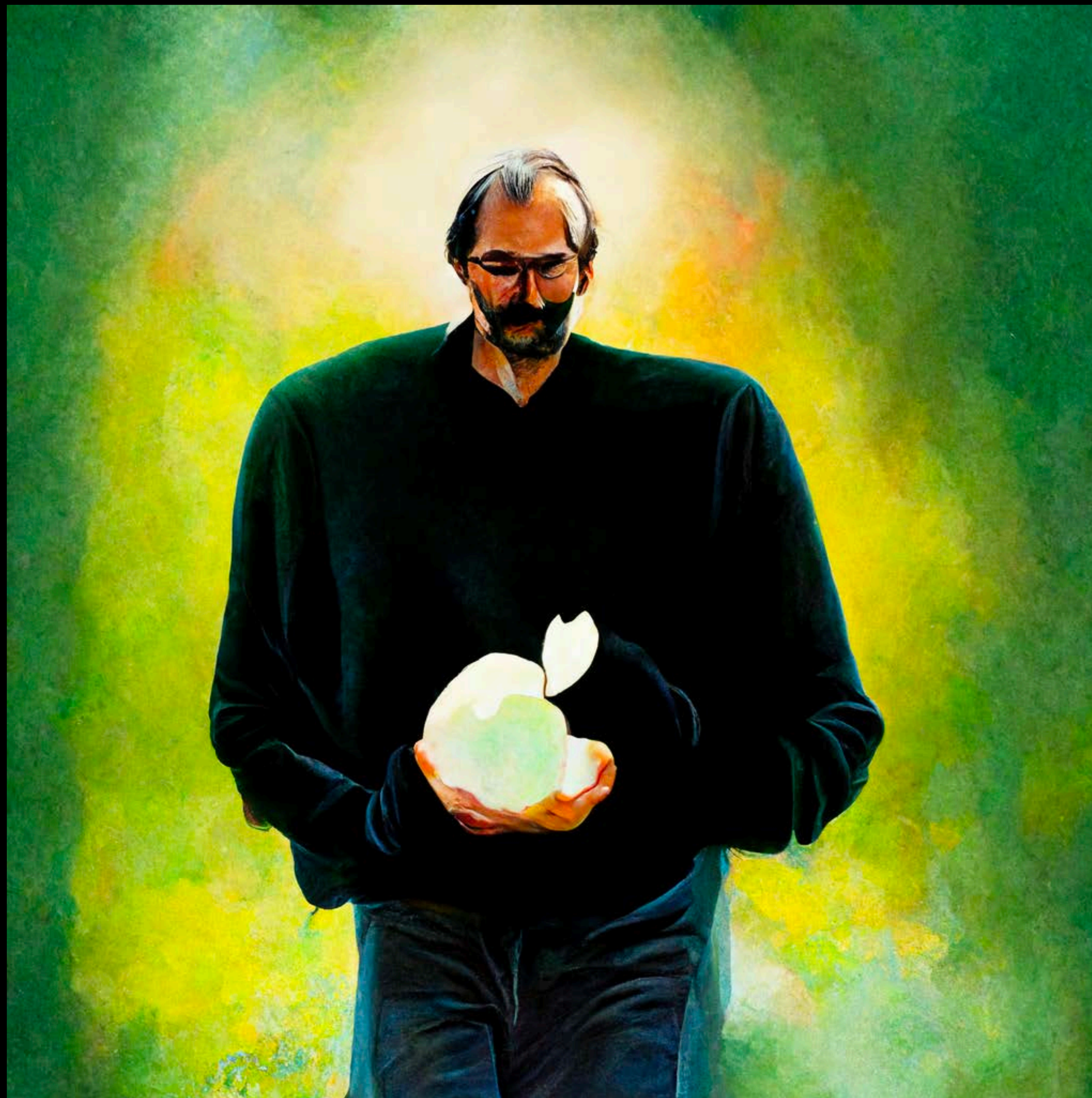
GENERATIVE ADVERSARIAL
NETWORKS (GAN)

RNN, LSTMs, & Transformers



Parameters



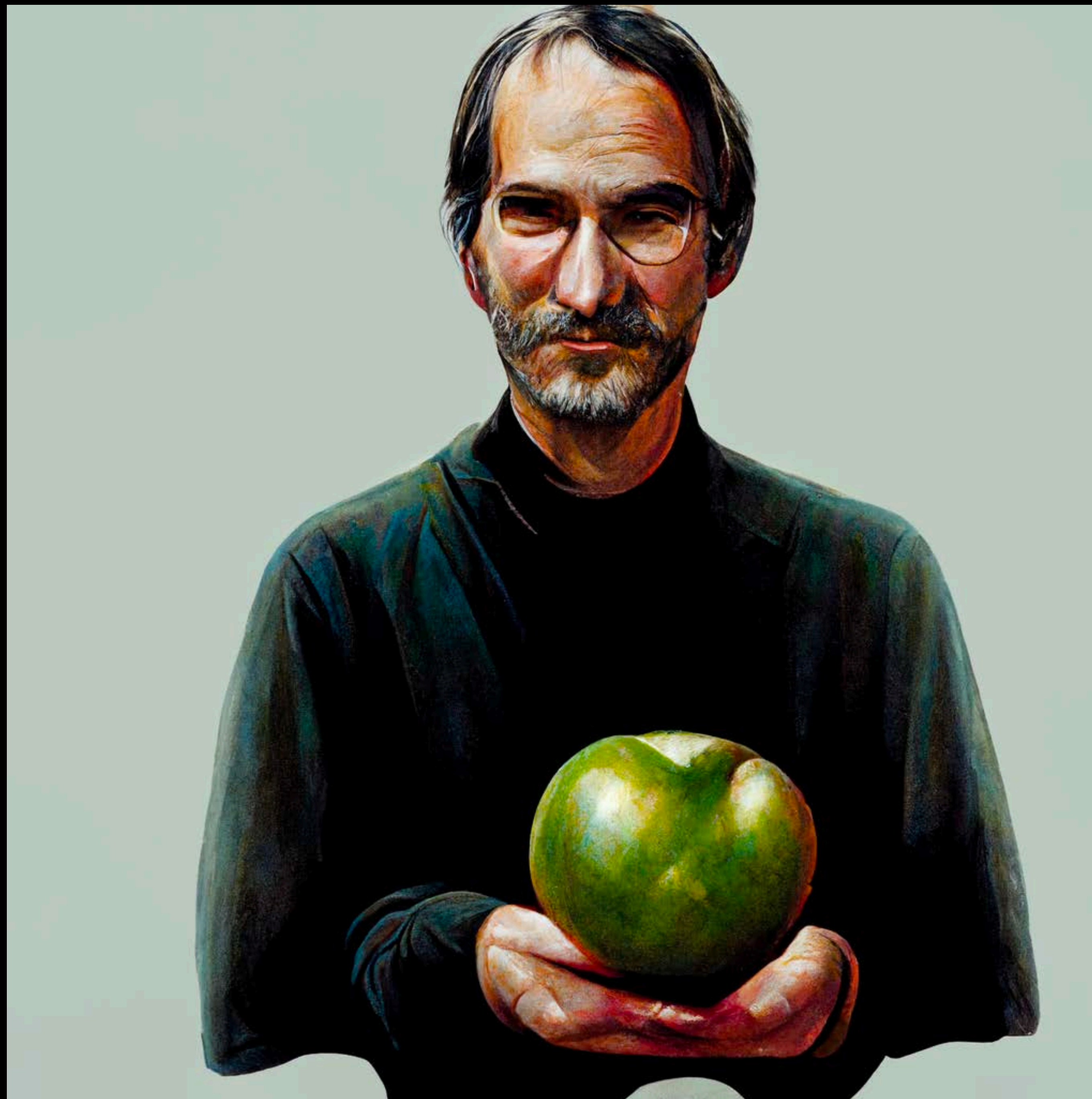


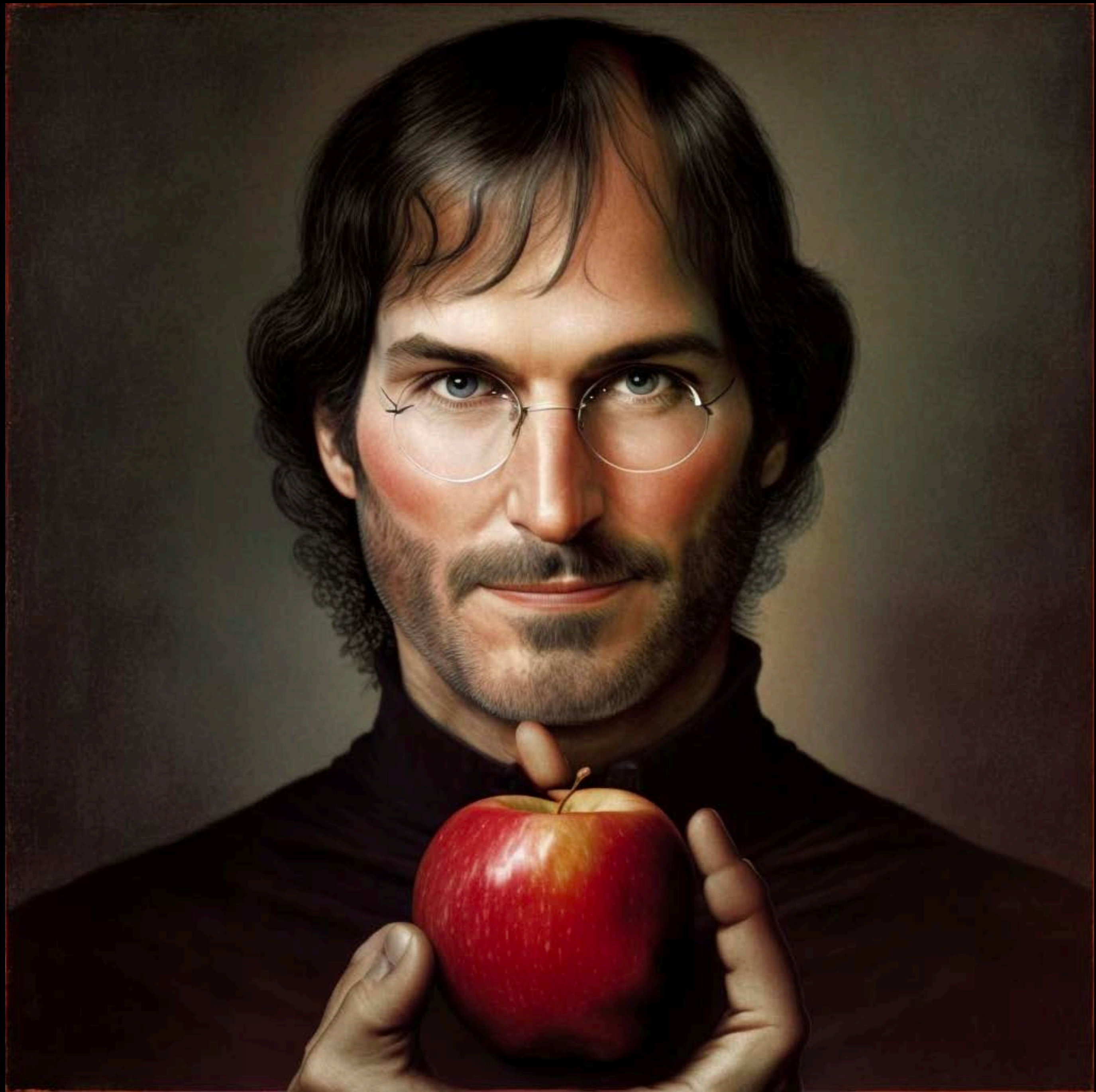
MDJV1



MDJV2

MDJV3

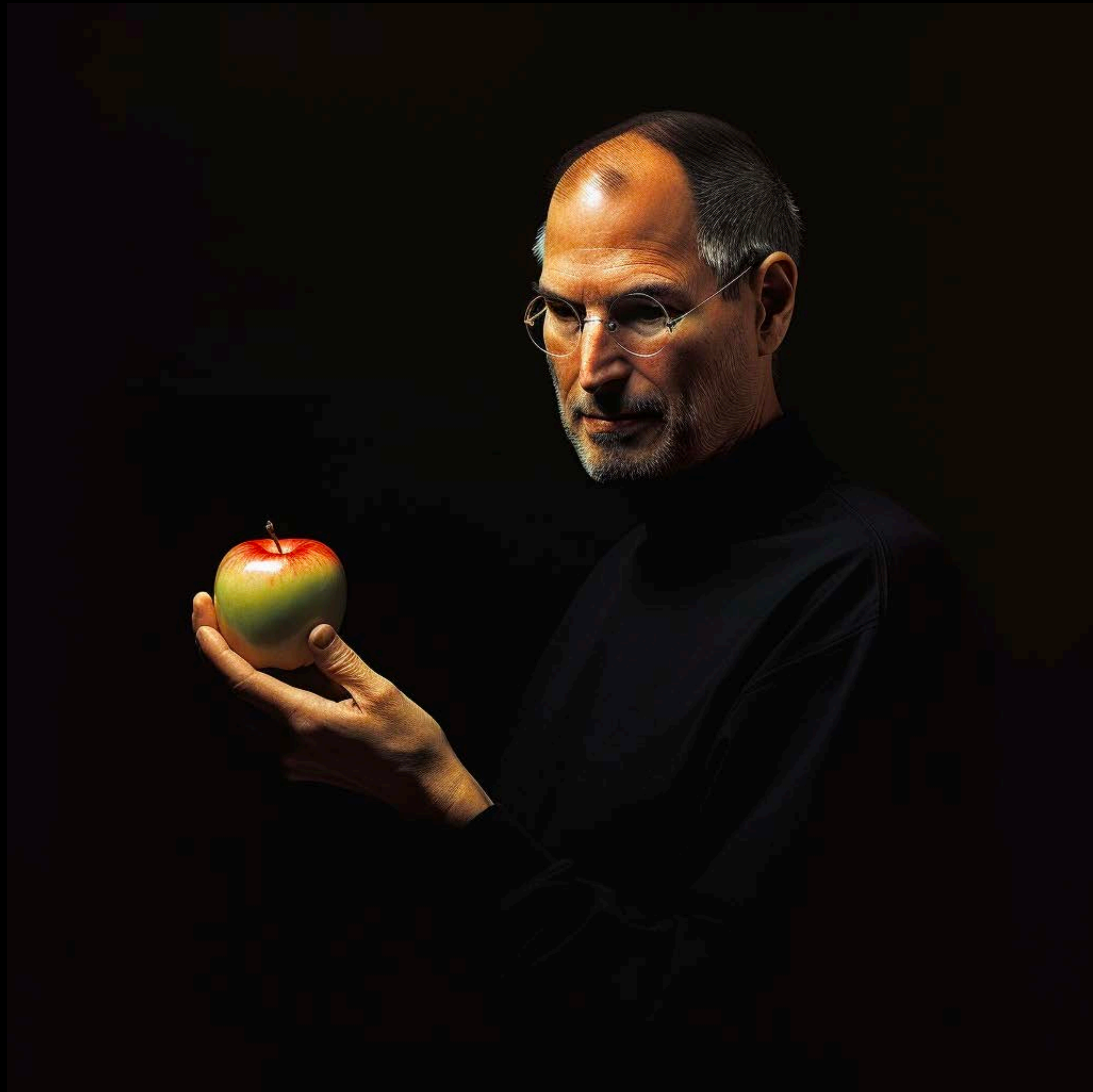




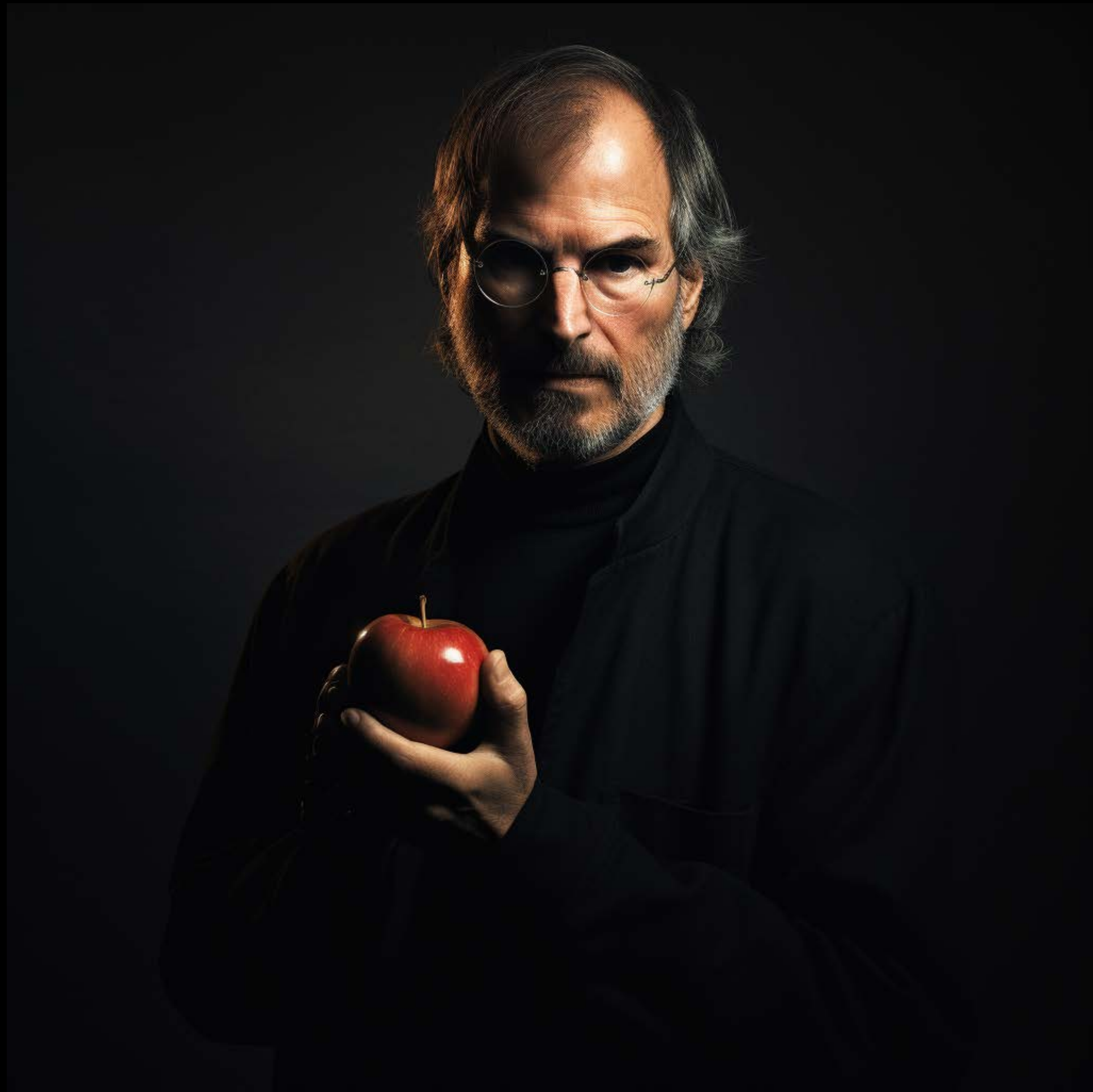
MDJV4



MDJV5



MDJV5.1



MDJV5.2



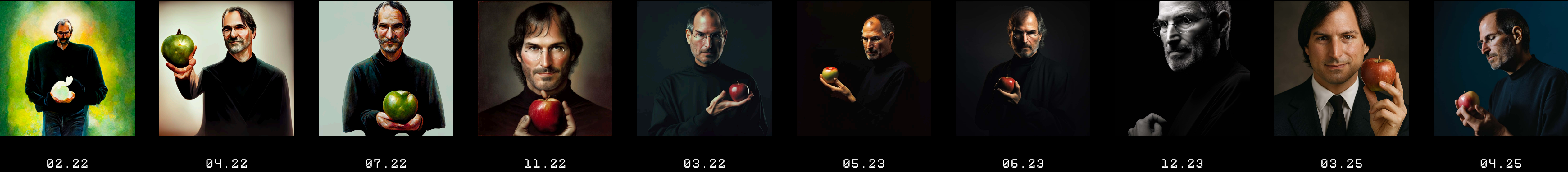
MDJV6

40-N



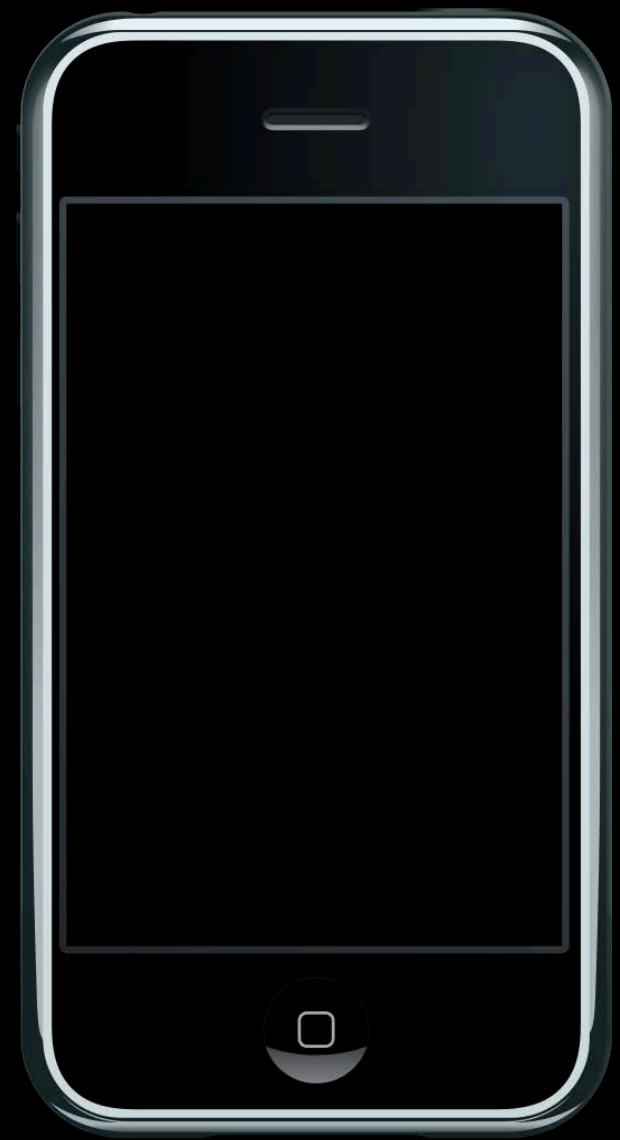


MDJV7



CURRENT EVOLUTION
TIMEFRAME

628 days



2007



EVOLUTION
TIMEFRAME

15+ years



2022

4 MYTHS

YOU'RE GOING TO BE
REPLACED BY AI

YOU'RE GOING TO BE
REPLACED BY AI

YOU'RE GOING TO BE
REPLACED BY SOMEONE
WHO USES AI



The ChatGPT Lawyer Explains Himself

In a cringe-inducing court hearing, a lawyer who relied on A.I. to craft a motion full of made-up case law said he “did not comprehend” that the chat bot could lead him astray.

 Share full article





 267



Steven A. Schwartz told a judge considering sanctions that the episode had been “deeply embarrassing.” Jefferson Siegel for The New York Times





WE NEED AN
AI PRODUCT

*TAAFT.com for short

THERE'S AN AI FOR THAT®*

35,443 AI tools for 13,637 tasks and 4,993 jobs

Spotlight: [Korbit \(Code reviews\)](#)

▼ Latest

For You

↗ Trending



Just released



Interm AI

📁 Job interviews



Released 4h ago



59

Free + from \$10



1



CraftedCourses

📚 Courses



Released 8m ago



54

From \$13.34/mo



1

★ 5.0



Switch - Street ...



👤 Urban mobility



Released 22h ago



68

No pricing



1

WE NEED AN
AI PRODUCT

WE NEED AN
AI PRODUCT

WE NEED AN
AI FEATURE

PROMPT
ENGINEERING
IS A JOB



Barsee 🧑🏻💻🔗

@heyBarsee

Subscribe

...

Anthropic AI is looking for a Prompt Engineer.

Salary: \$250K - \$335k.

The job listing is starting, get into AI space now.

ANTHROPIC

Prompt Engineer and Librarian

APPLY FOR THIS JOB

SAN FRANCISCO, CA / PRODUCT / FULL-TIME / HYBRID

Anthropic's mission is to create reliable, interpretable, and steerable AI systems. We want AI to be safe for our customers and for society as a whole.

[View Job Listing on LinkedIn](#)

Anthropic's AI technology is amongst the most capable and safe in the world. However, large language models are a new type of intelligence, and the art of instructing them in a way that delivers the best results is still in its infancy — it's a hybrid between programming, instructing, and teaching. You will figure out the best methods of prompting our AI to accomplish a wide range of tasks, then document these methods to build up a library of tools and a set of tutorials that allows others to learn prompt engineering or simply find prompts that would be ideal for them.

Given that the field of prompt-engineering is arguably less than 2 years old, this position is a bit hard to hire for! If you have existing projects that demonstrate prompt engineering on LLMs or image generation models, we'd love to see them. If you haven't done much in the way of prompt engineering yet, you can best demonstrate your prompt engineering skills by spending some time experimenting with Claude or GPT3 and

PROMPT
ENGINEERING
IS A JOB

PROMPT
ENGINEERING
IS A JOB

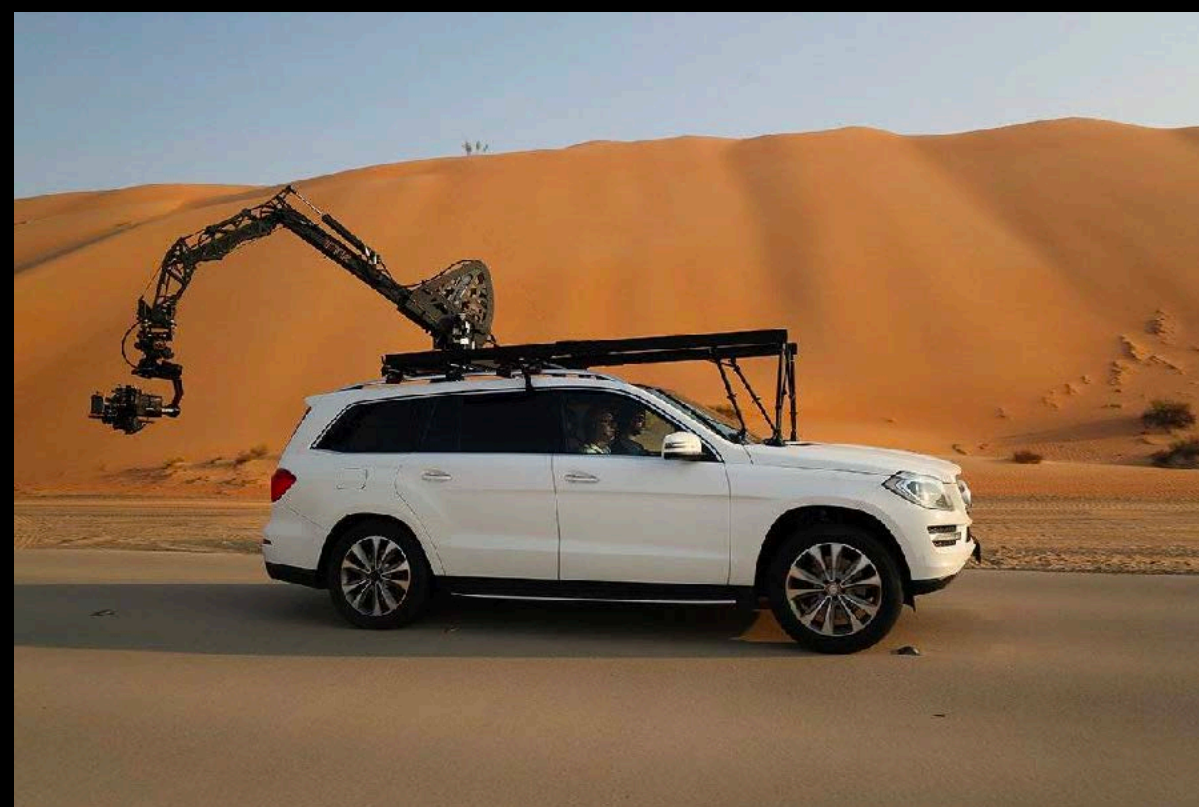
PROMPT
ENGINEERING
IS A SKILL



SECTION 02

Work Transformation

transf

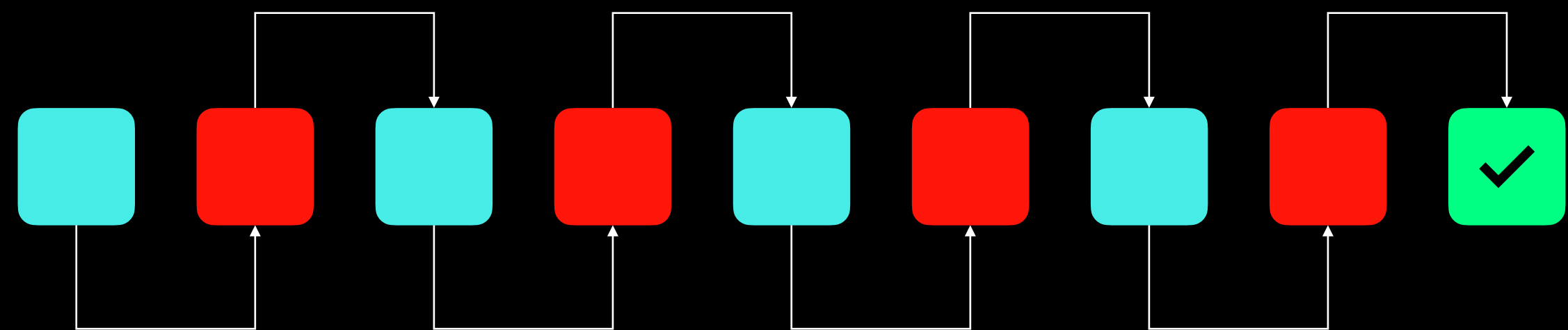


3 WEEK AVERAGE
SHOOT

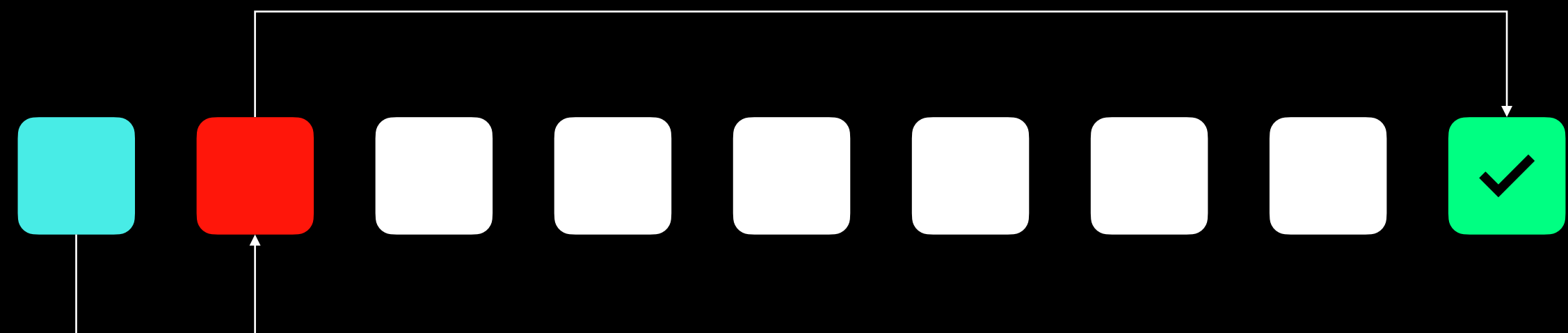


CAR COMMERCIAL:
~\$108K

SOFTWARE THEN:
point and click



WITH AI:
describe and done



 HUMAN  COMPUTER

Work Today

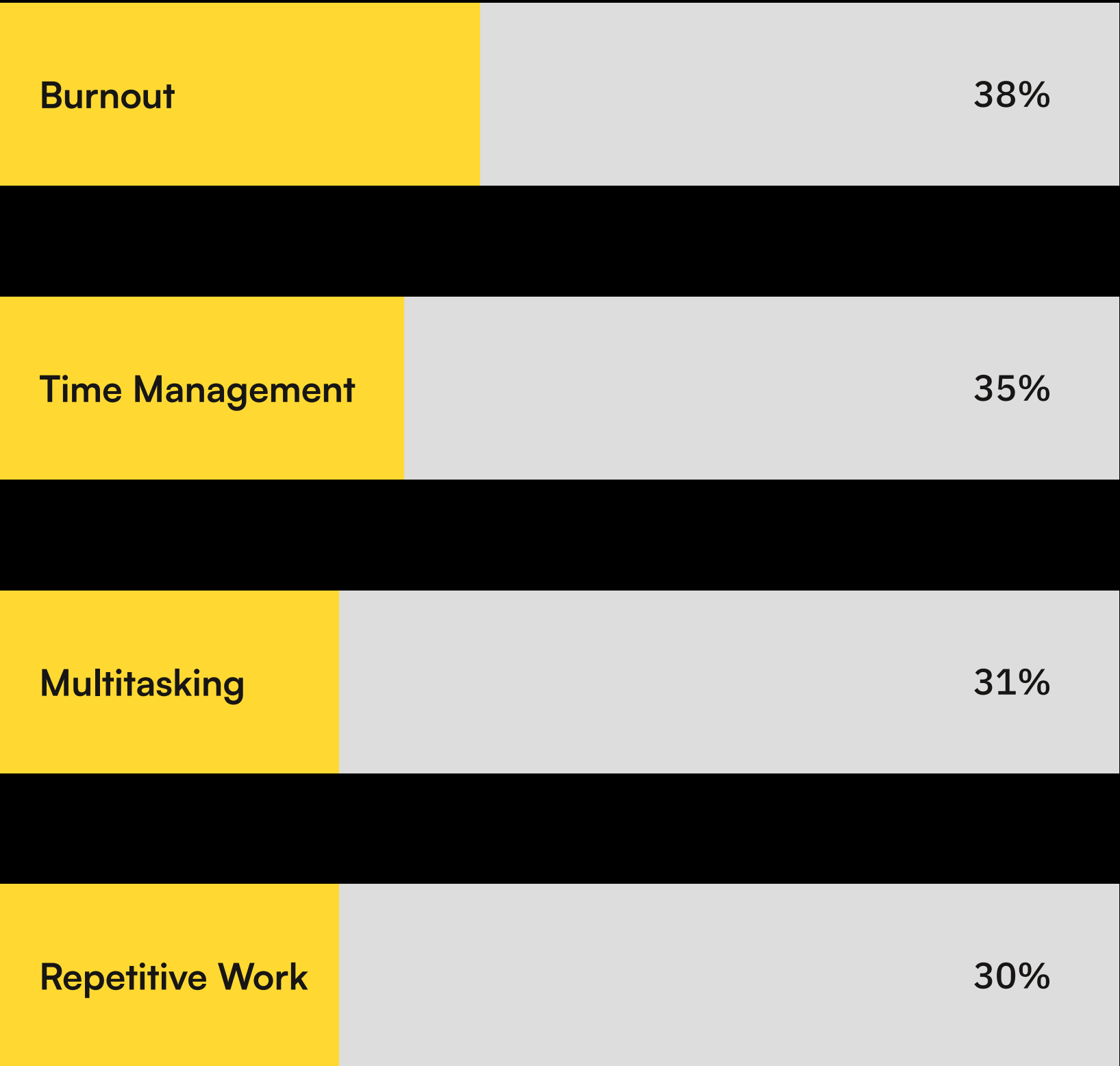
18% Of knowledge workers spend less than one hour on core job functions.

81% Spend less than three hours a day on creative work.

90% Spend up to five hours checking messenger apps each day.

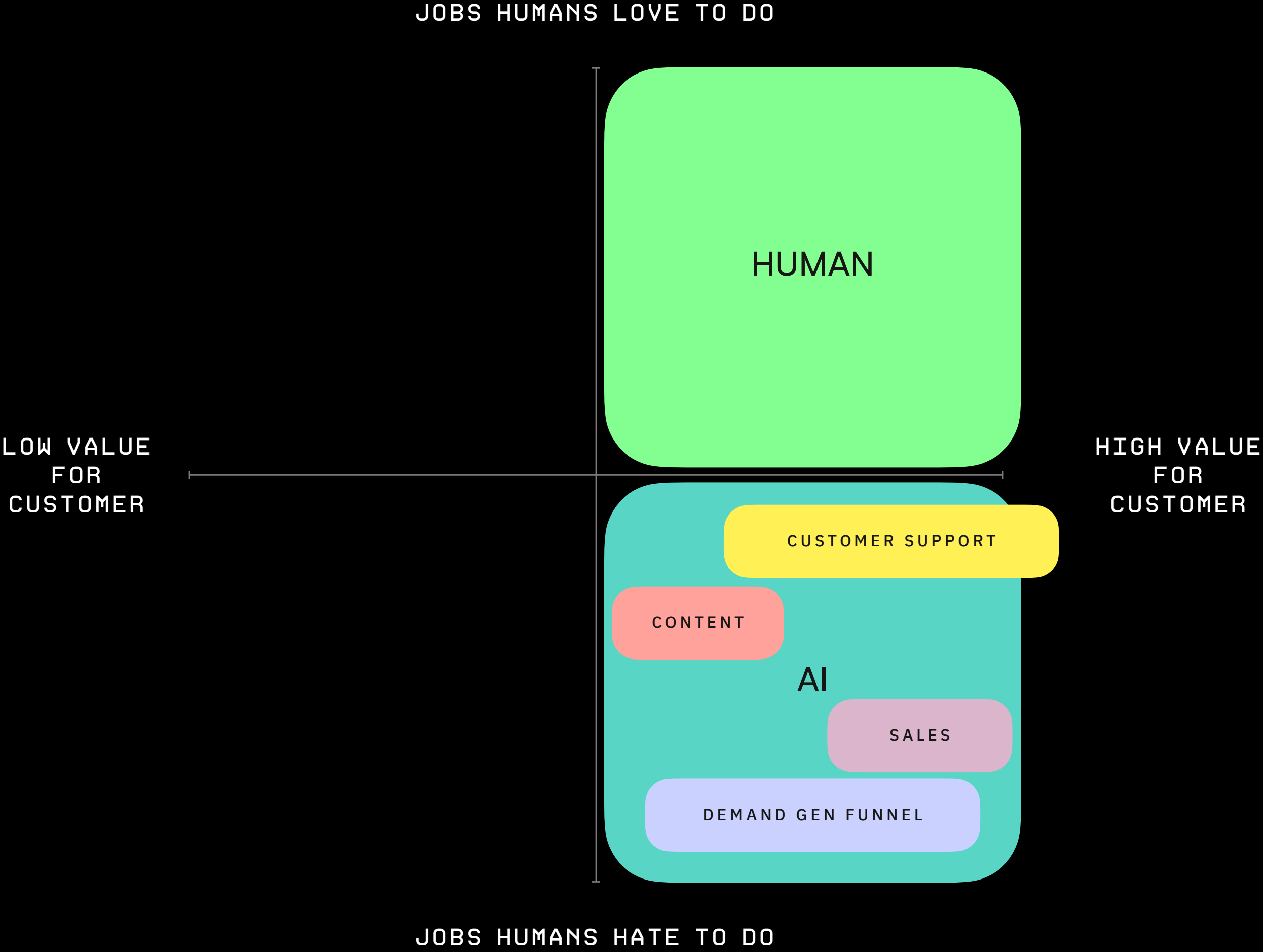
76% Spend up to three hours a day on data entry.

TOP BARRIERS TO PRODUCTIVITY

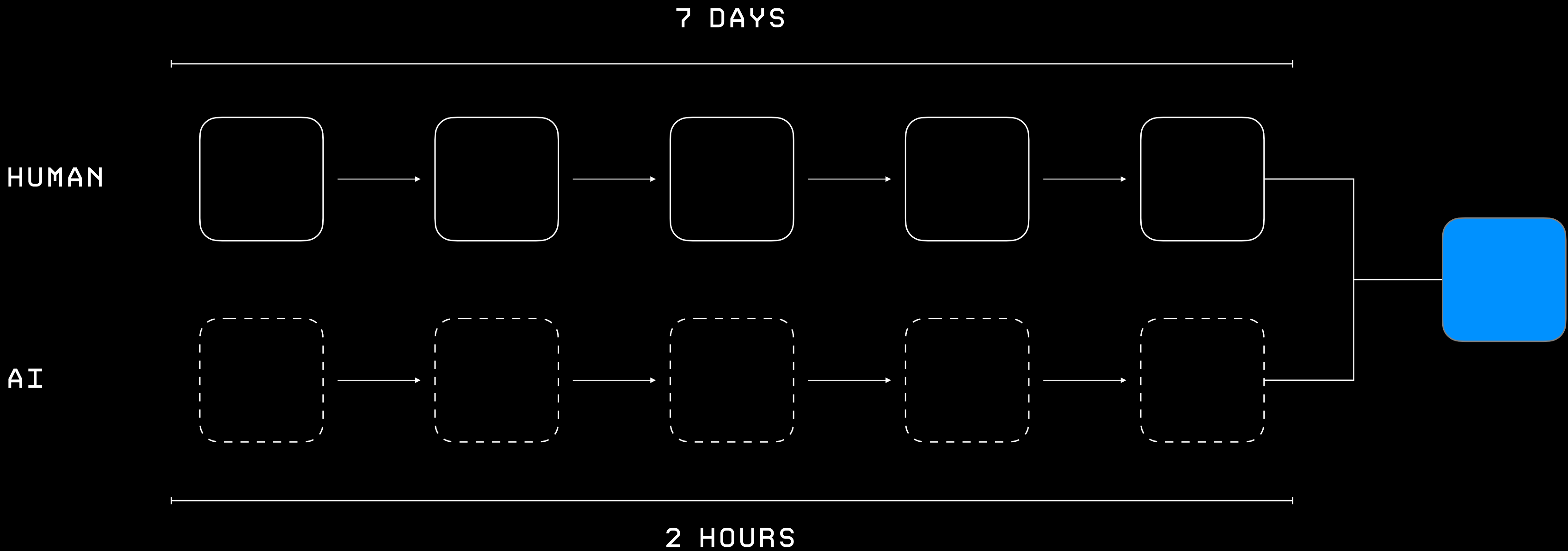


*Source: 2022 [Zapier](#) Workplace Data Report

Transforming Work



Speed is the New Scale



OBJECTIVE	To replicate repetitive tasks and activities with AI-assisted automation
IMPACT	Improved quality of output
	Increase in output quantity
	Return of time focused towards higher impact work

LOLLY

ROOMS

INSPIRATION

SHOPPING CART

SEATING

Periwinkle

DETAILS

Sleek, clean lines and understated beauty, the *Periwinkle* is the epitome of minimalism. It's built to last, with a sturdy frame crafted from recycled plastic and wood composite. But perhaps the best part of this chair is how it makes you feel. As you sink into its comfortable seat and lean back against its supportive backrest, you'll experience a sense of calm and serenity. The chair's ergonomic design promotes good posture and relaxation, making it the perfect place to sit and think, work, or simply be.

FOLLOW US

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Instagram
Youtube

DAFFODIL

BLACK FRAME

WOOD LEGS

COMPARE

4

▼



+

BALLAD \$144



+

DIVINE \$176



+

LOLLIPOP \$176



+

SKITTLE \$176

Woollo Chonak

10

Menu

Search

Filter

Color

Size

Material



Woollo Chonak

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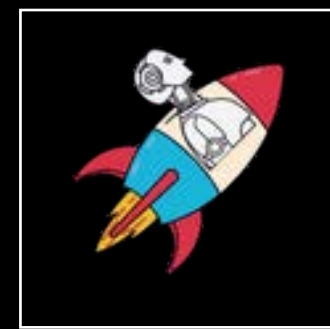
TOOLS USED



MIDJOURNEY



VECTORIZER AI



BOOST AI



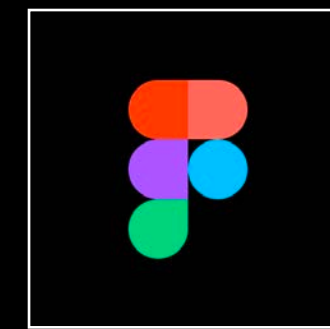
CHATGPT



COPY.AI



UIZARD



FIGMA

#1 KIDS APPLICATION

Bedside Tales

A children's app designed to help kids wind down at night with fun and engaging stories featuring characters they already know and new ones they'll love.



Designed for children from 5 years old.
Includes in-app purchases.

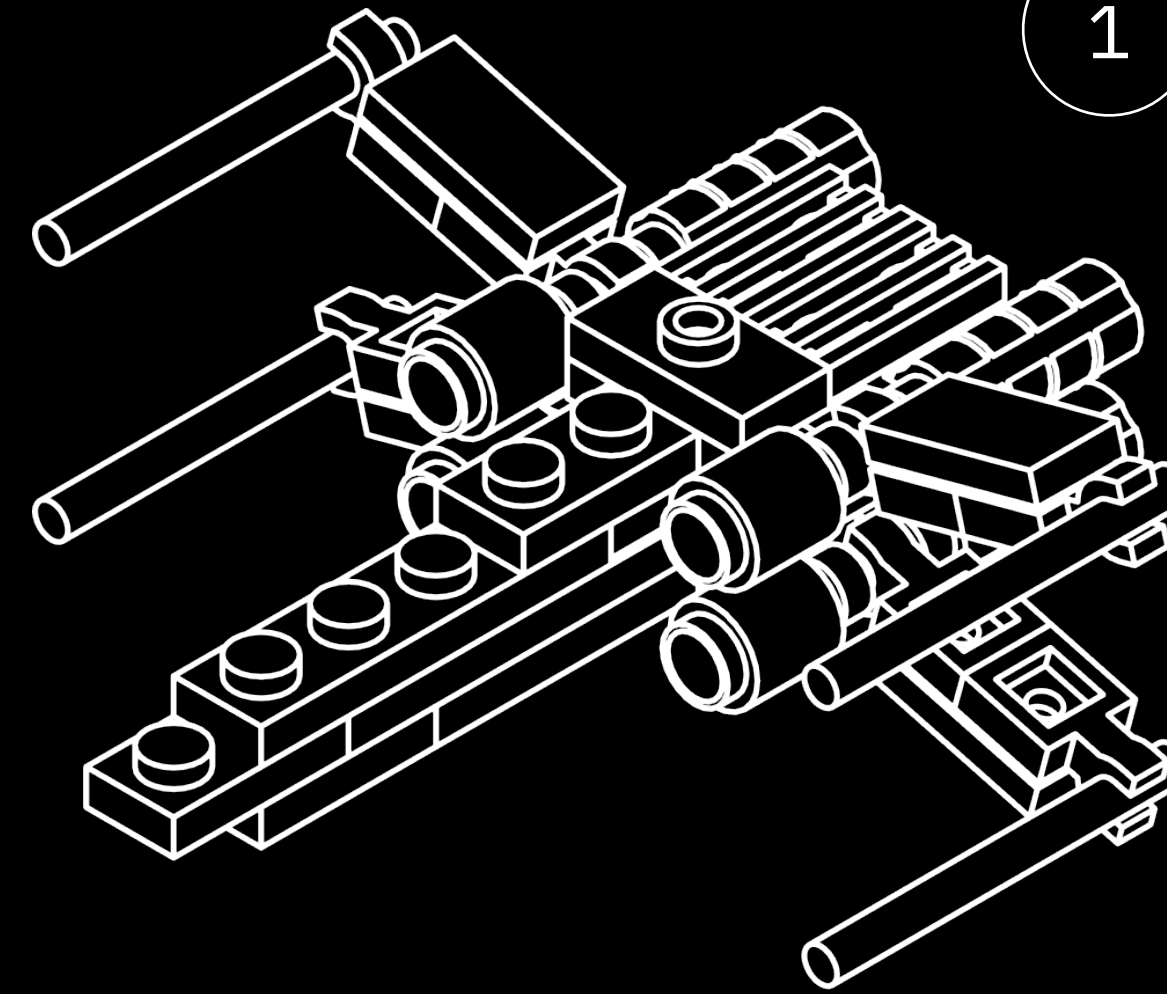
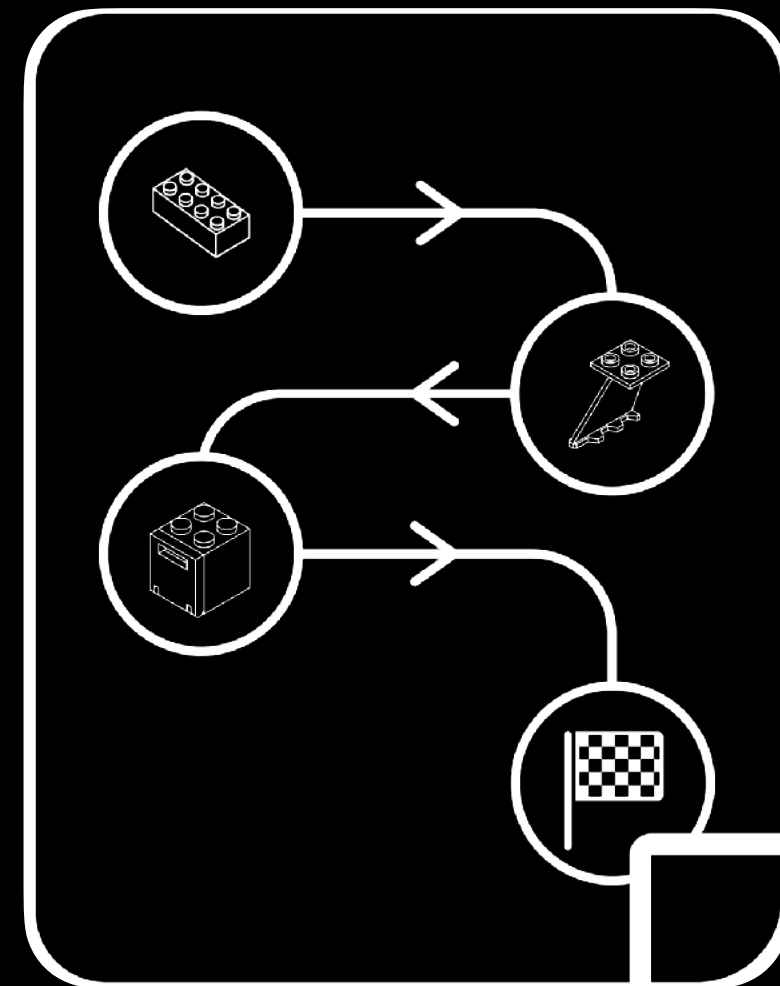






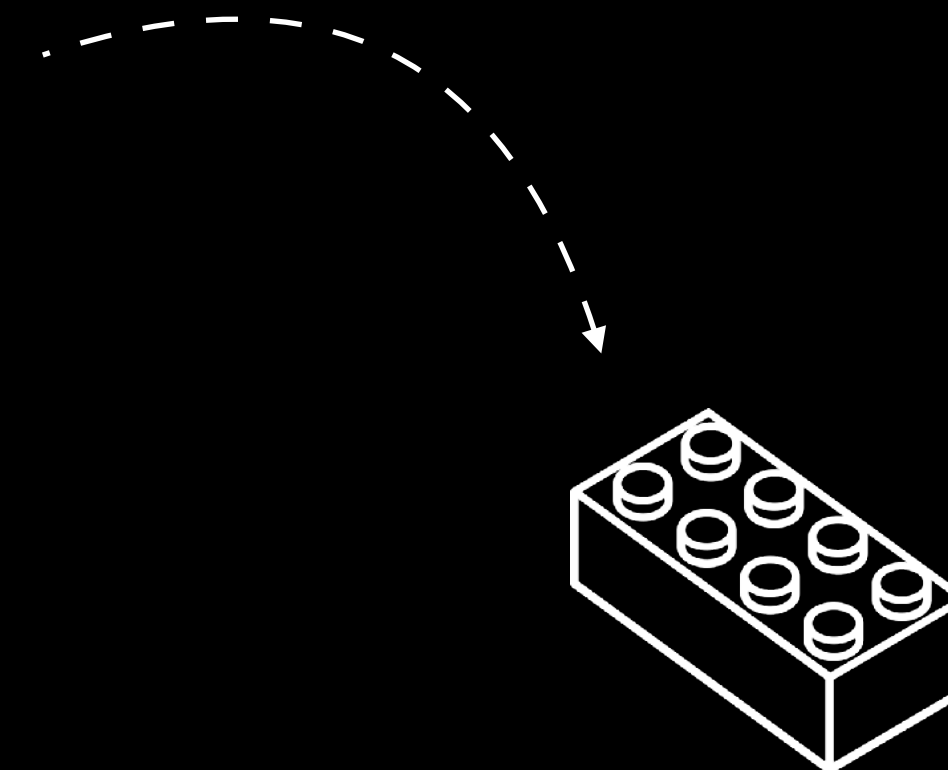
WORKFLOW

2



1

OUTPUT



3

AI TOOL



URBAN HAVEN

Alina is a vision of balance in design, pairing a timeless aesthetic with luxurious modern details that capture a sense of sophistication and elegance. The architecture is defined by strong, clean lines that evoke clarity and precision, while contrasting colour tones convey strength and vibrancy. Inside, soft organic forms, inspired by the natural landscape, amplify the embrace of harmony.

EXPLORE



URBAN HAVEN

Alina is a vision of balance in design, pairing a timeless aesthetic with luxurious modern details that capture a sense of sophistication and elegance. The architecture is defined by strong, clean lines that evoke clarity and precision, while contrasting colour tones convey strength and vibrancy. Inside, soft organic forms, inspired by the natural landscape, amplify the embrace of harmony.

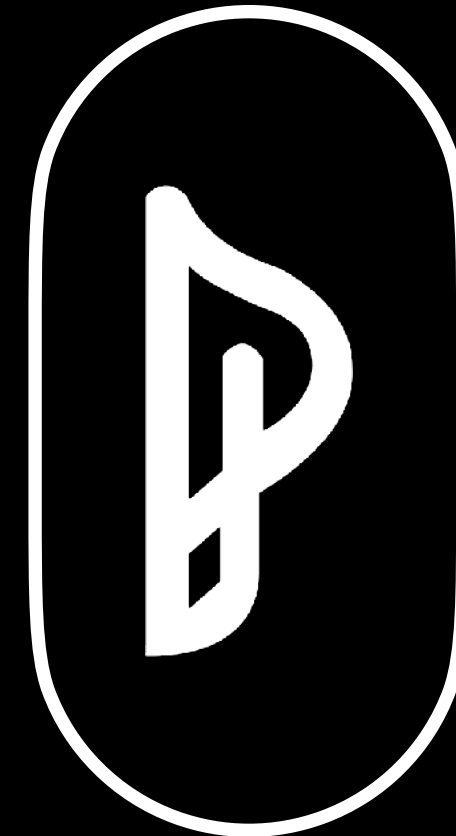
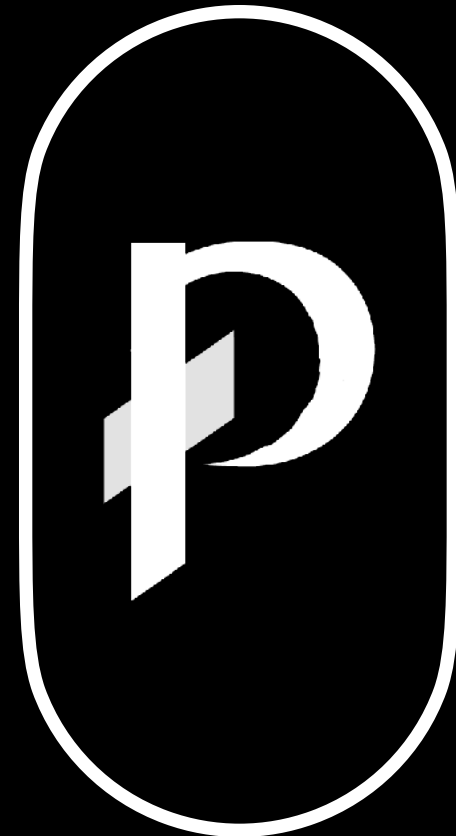
EXPLORE











[HOMES](#)[PLANS](#)[TEAMS](#)[REGISTER](#)

PACIFIC HOUSE

Introducing a transformative living experience at Pacific House, nestled in the quiet waterfront of Esquimalt. Situated at the intersection of Head Street and Esquimalt Road, this distinguished pavilion redefines contemporary living in an emerging community. Merely moments away from the bustling downtown Victoria, Pacific House seamlessly blends modern convenience with a private quiet serenity.

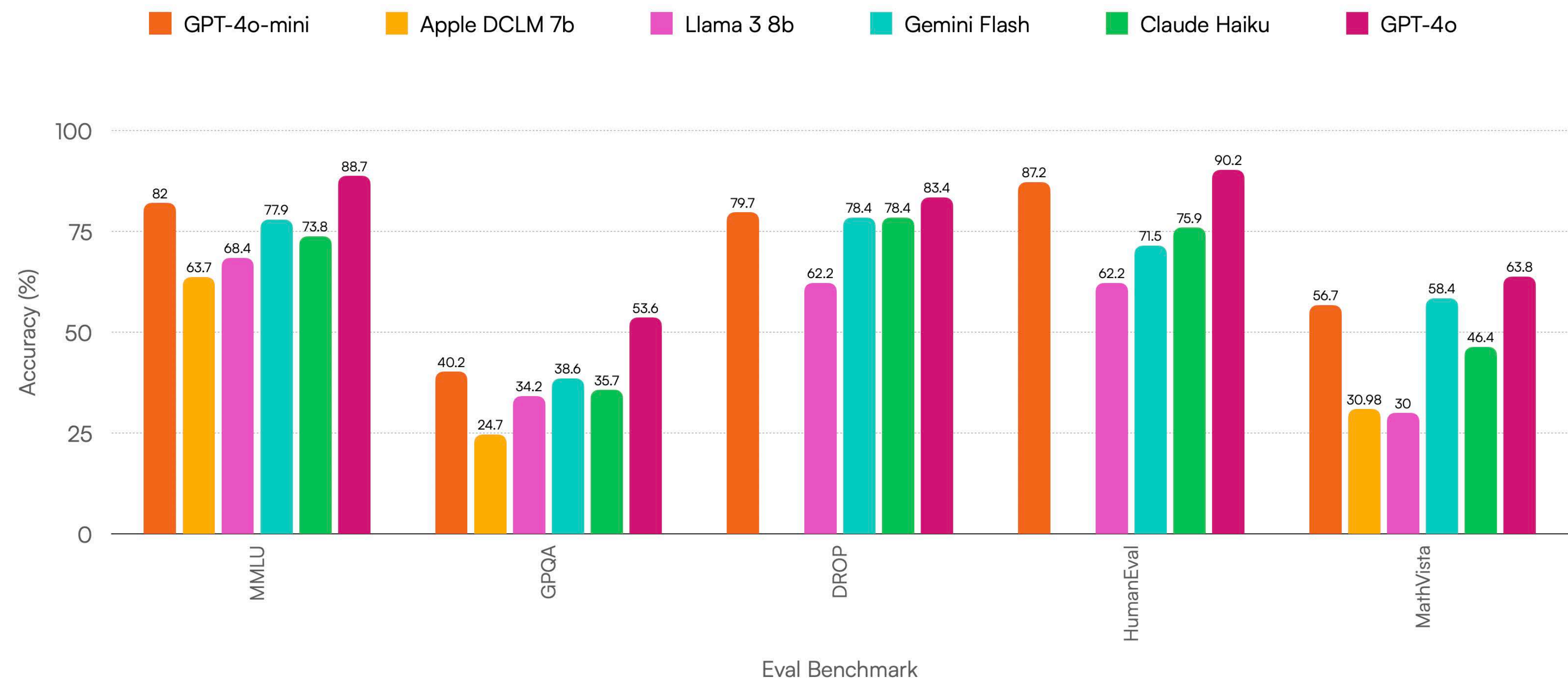




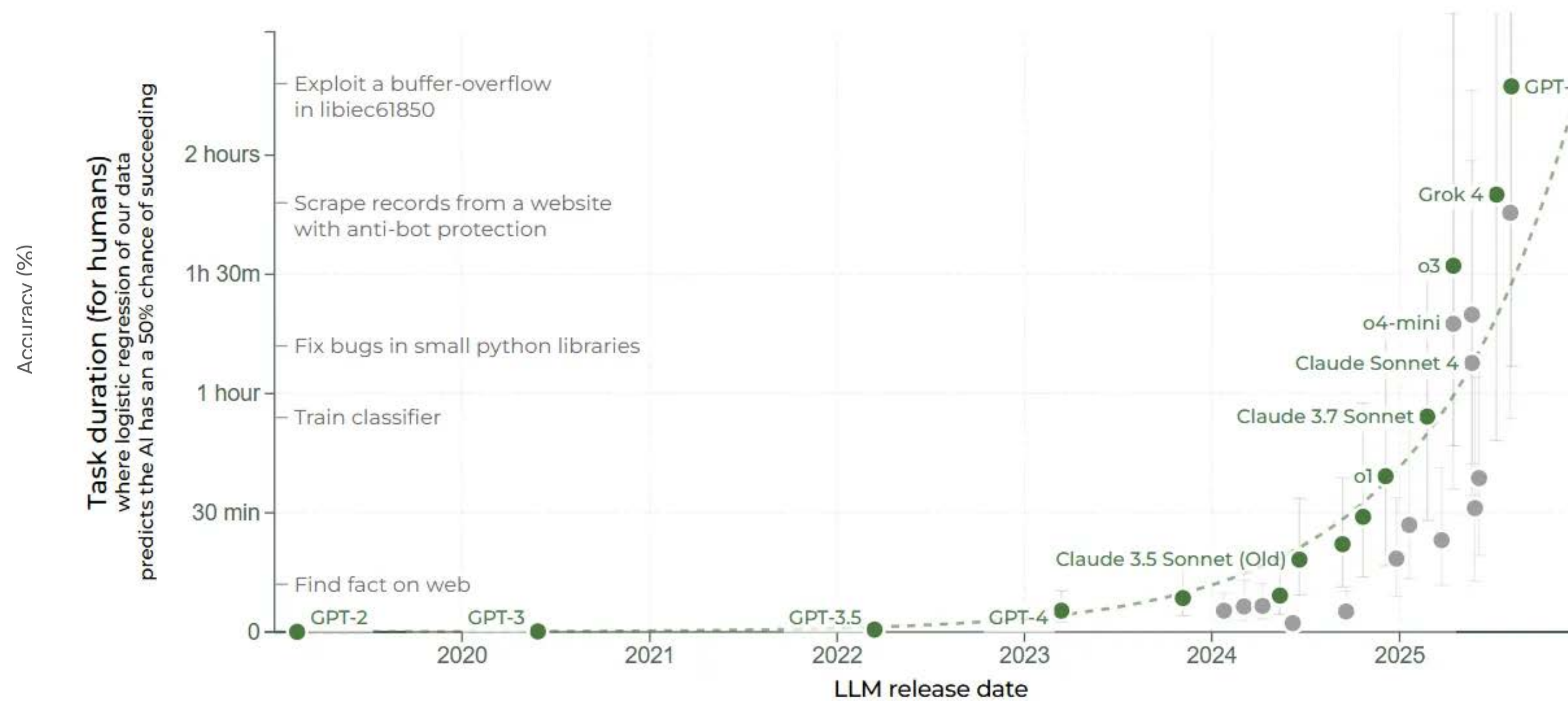
SECTION 03

What We're Working On

indust



Time-horizon of software engineering tasks different LLMs can complete 50% of the time



We've either **solved** or **are solving**
critical milestones for mass AI
adoption

We've either solved or are solving critical milestones for mass AI adoption

 HALLUCINATION

Prompt Engineering

RAG
RETRIEVAL
AUGMENTED
GENERATION

MCP
MODEL
CONTEXT
PROTOCOL

We've either solved or are solving critical milestones for mass AI adoption

 HALLUCINATION

Prompt Engineering

RAG
RETRIEVAL AUGMENTED GENERATION

MCP
MODEL CONTEXT PROTOCOL

 MEMORY

2k

4k

128k

200k

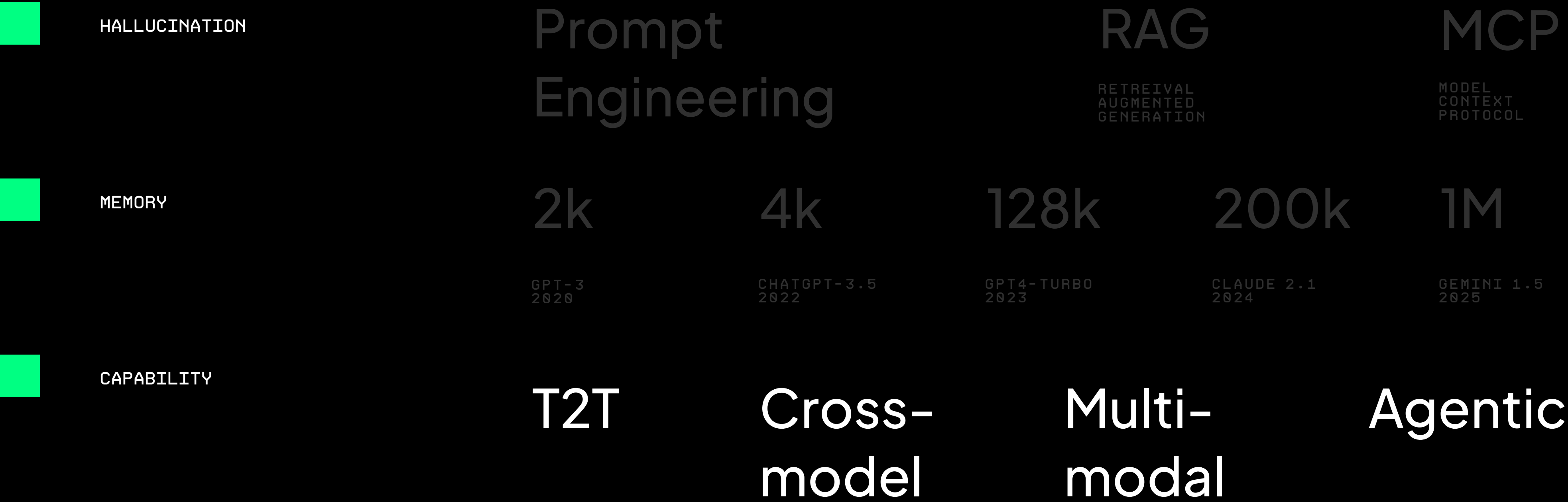
1M

GPT-3 2020 CHATGPT-3.5 2022

GPT4-TURBO 2023 CLAUDE 2.1 2024

GEMINI 1.5 2025

We've either solved or are solving critical milestones for mass AI adoption

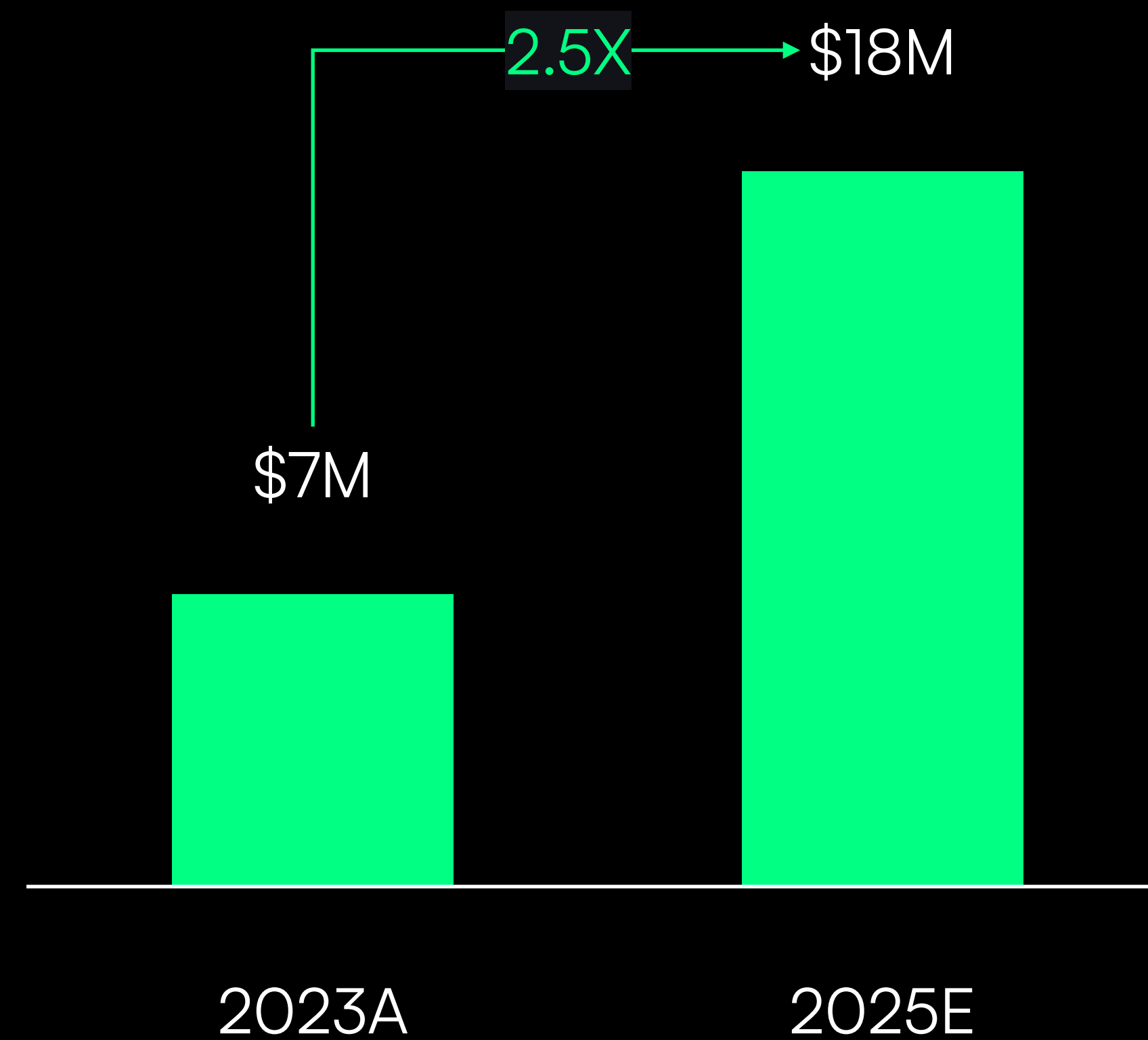


The question today isn't
“how can we afford to
adopt AI”

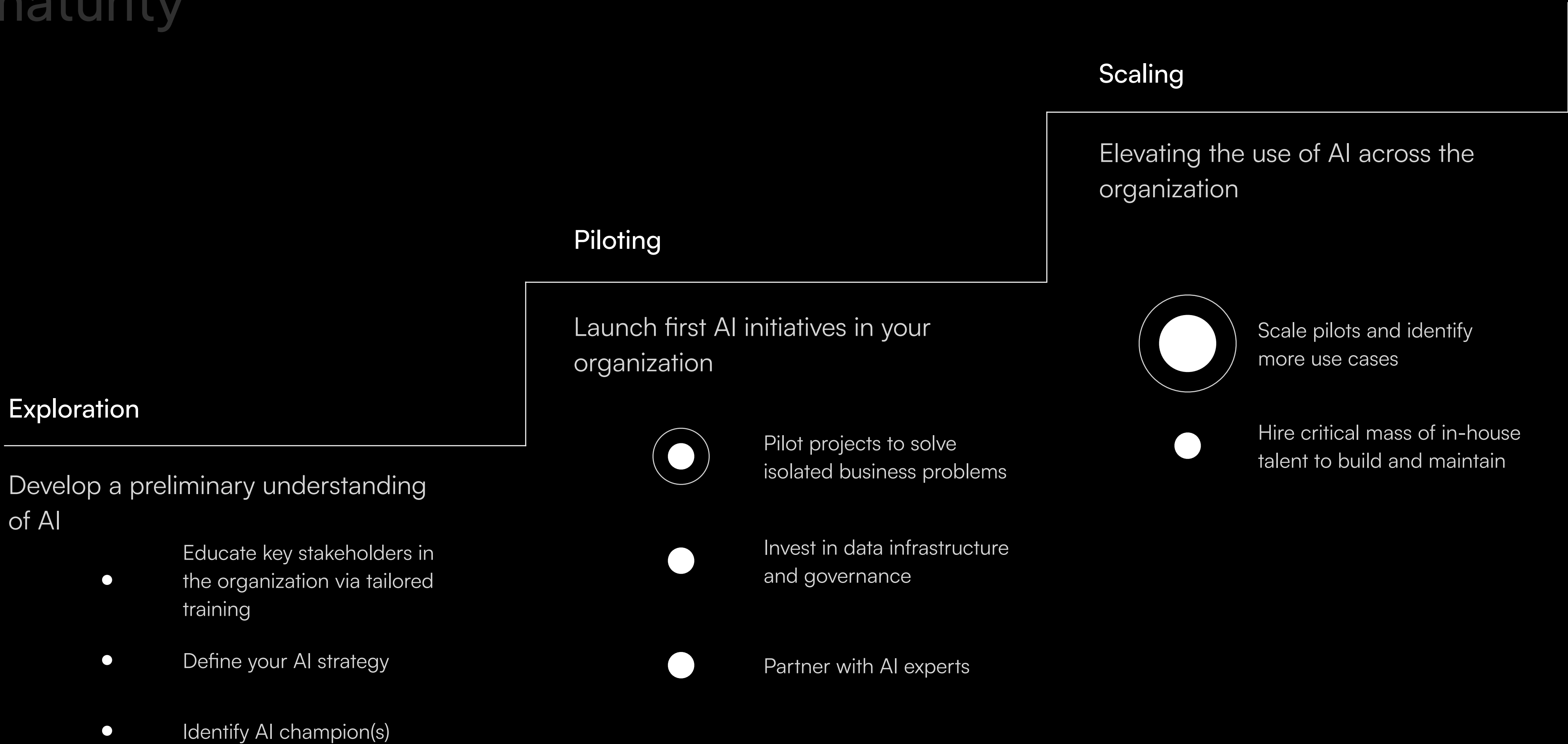
The question today isn't
“how can we afford to
adopt AI”

The question is “how
can we afford not to?”

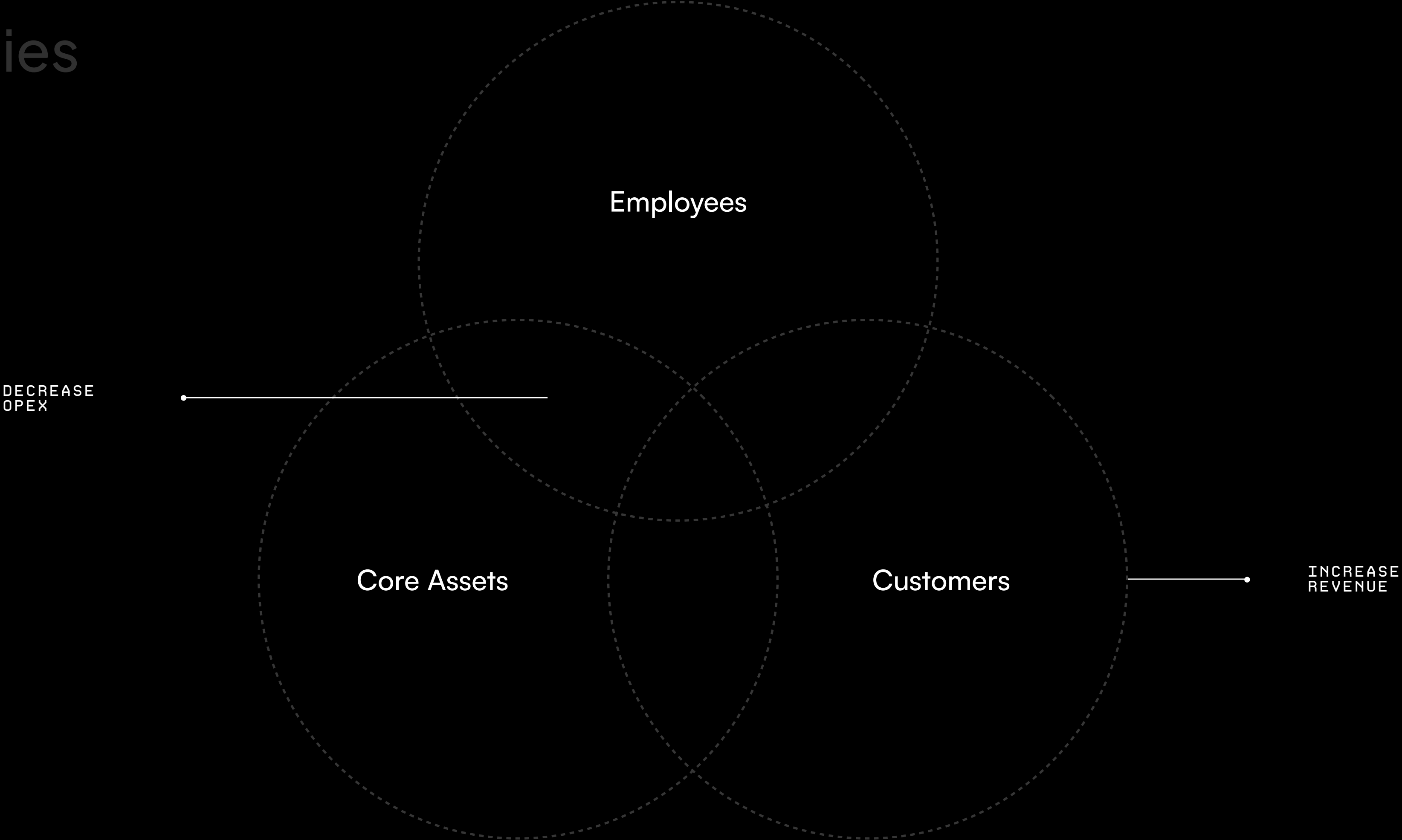
Average Enterprise Spend on LLMs (Actual and Expected)

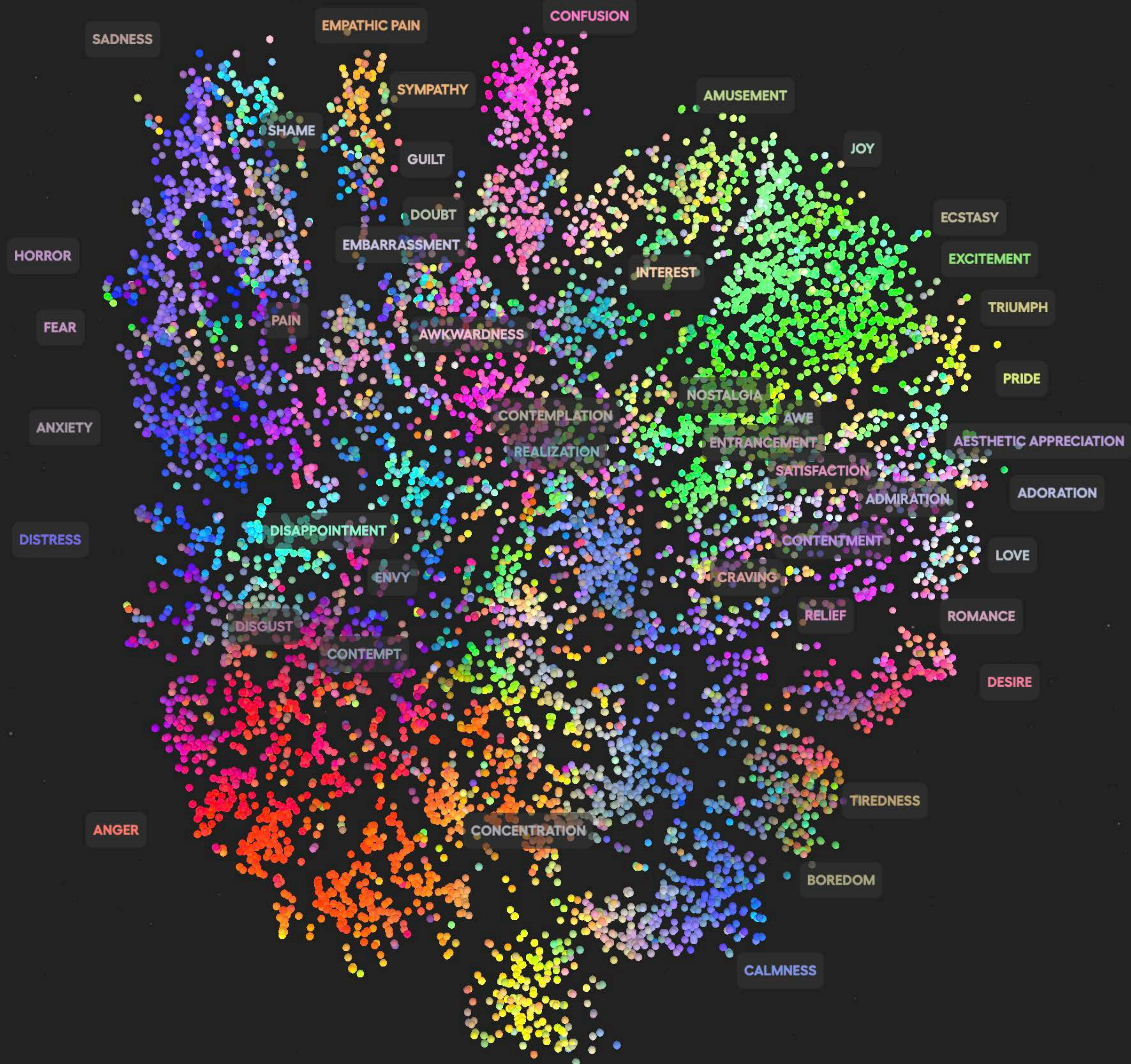


AI competency through AI maturity



Where to look for opportunities





ChatLogsSummary

CONVERSATION STARTED

08:16:48 PM

USER08:16:56 PM

Hey. Can I get some help with a credit card bill?

DETECTED EXPRESSIONS

Doubt0.716

Contemplation0.645

Awkwardness0.435

ASSISTANT08:16:56 PM

Of course!

DETECTED EXPRESSIONS

Excitement0.183

Interest0.154

Determination0.113

ASSISTANT08:16:57 PM

What specifically do you need help with regarding your credit card bill?

DETECTED EXPRESSIONS

Interest0.320

Concentration0.302

Determination0.278

USER08:17:21 PM

It says I have a late payment on a bill.

DETECTED EXPRESSIONS

Realization0.408

User Message

Type a message...

Send

←

→

↺

🔒

AI

↺

 Playbacks

📁

 Job Posts

⚙️

 Mary Smith

MS

⏮

Applicant Interview: Maya Lin

Applying for: Loss Prevention Manager

🔊

 Compare

🔗

 Share

Applicant Rank: 2

Video Playback



📄

 Transcript

🔮

 Ask AI

📘

 Info

00:00

What experience do you have in leading software development teams?

Maya Lin

My software development management experience started in around 2000, early 2000 when I started a company together with a few friends of mine. I co-founded a web development company wherein we hired, run a company that services clients from the U.S., Canada, and Australia and by doing that I hired a few developers, designers, and the project managers along the way. I trained them. I also led the day-to-day operations of the company. I was the one who led the teams in the development of our projects. One of my roles in recent years was an engineering director, software engineering director over at Netrepreneurs. With Netrepreneurs Inc., I was the one who led several teams currently while managing some projects both local and abroad. We would have about 15 people that I would manage, about two or three teams that composed those 15 people and it will grow to about 25 people with augmentation from other teams outside of the

Interview Questions

Review playback video by navigating through questions

🔴

 Sync in auto-play

1

What experience do you have in financial and loss prevention analysis?

2

What strategies do you use to stay on top of industry trends and proactive risk management education?

▶

Can you describe a recent loss prevention initiative you led? What was your role in it, and how did you ensure the project met technical requirements and deadlines?

4

What software development methodologies are you familiar with? How do you adapt your approach based on the project's requirements and team dynamics?

5

Give an example of a situation where you had to prioritize technical debt versus delivering new features. How did you strike a balance between these competing priorities?

AI Performance Score

Overall score achieved by the candidate

85%

Qualification Scores

Based on the poor, good, and excellent answer

Experience Alignment

92 / 100

Skill Proficiency

87 / 100

Industry Knowledge

87 / 100

Adaptability Skills

90 / 100

Leadership Skills

85 / 100

Innovative Skills

83 / 100

Behavioural Scores

How candidates behave and respond to different situations

Language Choice

🙄

 Negative

😐

 Neutral

😊

 Positive

Tone

🙄

 Negative

😐

 Neutral

😊

 Positive

Solution Oriented

🙄

 Negative

😐

 Neutral

😊

 Positive

Big 5 Personality

Based on the Big 5 Personality Test

Neuroticism | 2.7

Openness | 5.5

Extraversion | 3.3

Conscientiousness | 7.0

Agreeableness | 6.8

Applicant Ranking

Based on applicant performance scores for this role

1

JL

John Louie

2

ML

Maya Lin

3

JO

Jenna Orcutt

4

AK

Alexander Kwong

Farpoint

AGENTIC

< Customer service

Draft ↕

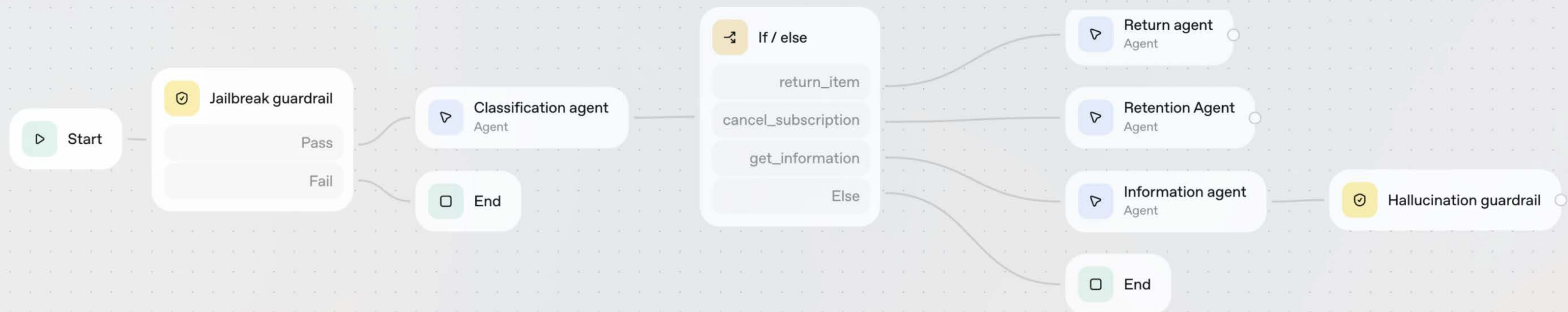


Evaluate

Code

Preview

Publish





Upload



Columns



Grade

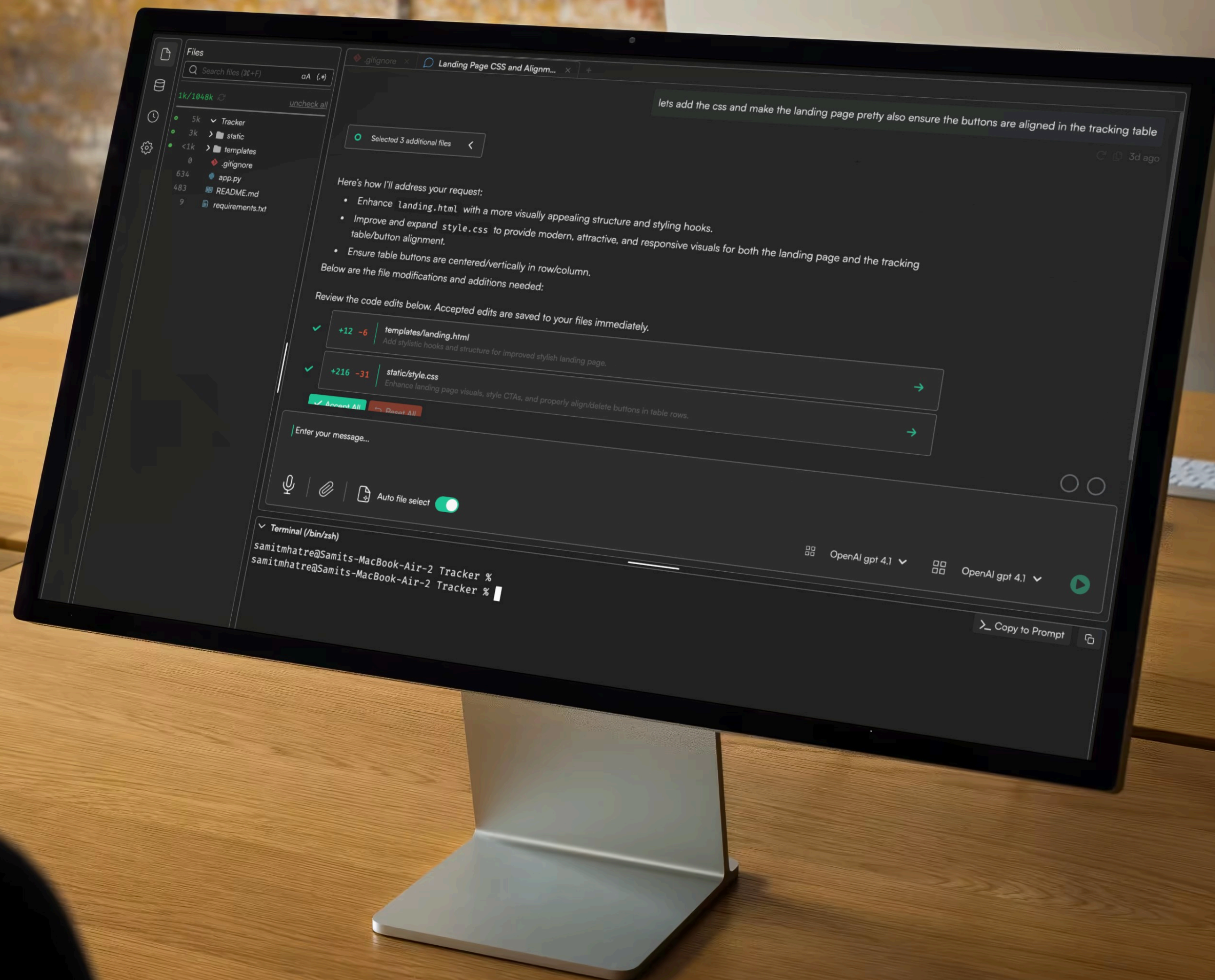


Generate output

Save

	Rating	Tone	Feedback	Accuracy	
Afternoon spa treatment and sun...	 	Professional	This is b...	Pass · 3.5	... 
at the beach, sunset drinks at Pr...	 	Friendly	This is b...	Pass · 3.5	... 
ill. Lunch at a trattoria near Cam...	 	Rude	This is b...	Pass · 3.5	... 
Eiger and Jungfrau. Evening ca...	 	Bad	This is b...	Fail · 3.5	... 
art, followed by a visit to Galerie...	 	Friendly		Pass · 3.5	
ck Elephant Orphanage. Evening...	 	—		—	
, Ferry Building food market, and...	 	—		—	
l. Afternoon spa treatment and s...	 	—		—	

LAM



Files

Search Files (⌘+F) αA

3k/1048k uncheck all

- 5k Tracker
- 3k static
- <1k templates
- 0 gihgnore
- 634 app.py
- 483 README.md
- 9 requirements.txt

gihgnore Landing Page CSS and Alignm...

lets add the css and make the landing page pretty also ensure the buttons are aligned in the tracking table 3d ago

Selected 3 additional files

Here's how I'll address your request:

- Enhance landing.html with a more visually appealing structure and styling hooks.
- Improve and expand style.css to provide modern, attractive, and responsive visuals for both the landing page and the tracking table/button alignment.
- Ensure table buttons are centered/vertically in row/column.

Below are the file modifications and additions needed:

Review the code edits below. Accepted edits are saved to your files immediately.

+12 -6 templates/landing.html
Add stylistic hooks and structure for improved stylish landing page.

+216 -31 static/style.css
Enhance landing page visuals, style CTAs, and properly align/delete buttons in table rows.

Accept All Discard All

Enter your message...

Auto file select ☒

Terminal (/bin/zsh)
samitmhatre@Samits-MacBook-Air-2 Tracker %
samitmhatre@Samits-MacBook-Air-2 Tracker %

OpenAI gpt 4.1 OpenAI gpt 4.1

Copy to Prompt

Files

Q

Search files (⌘+F)

Aa ab *

2K/1049K

Classic Tetris

>

.claude

>

.github

>

assets

>

backup

>

build

>

deploy

>

dist

>

node_modules

>

out

>

resources

>

scripts

>

src

>

main

>

preload

>

renderer

>

Components

>

index.html

>

index_browser.html

Tetris Game Build

Smooth Blocks M...

React Componen...

Hi, I'm ready to assist.

Shortcuts

<>

Suggest New Features

Generate Documentation

✓

Debug Selected Files

Enter your message...

🎤

📎

📁

Auto file select

Small Model

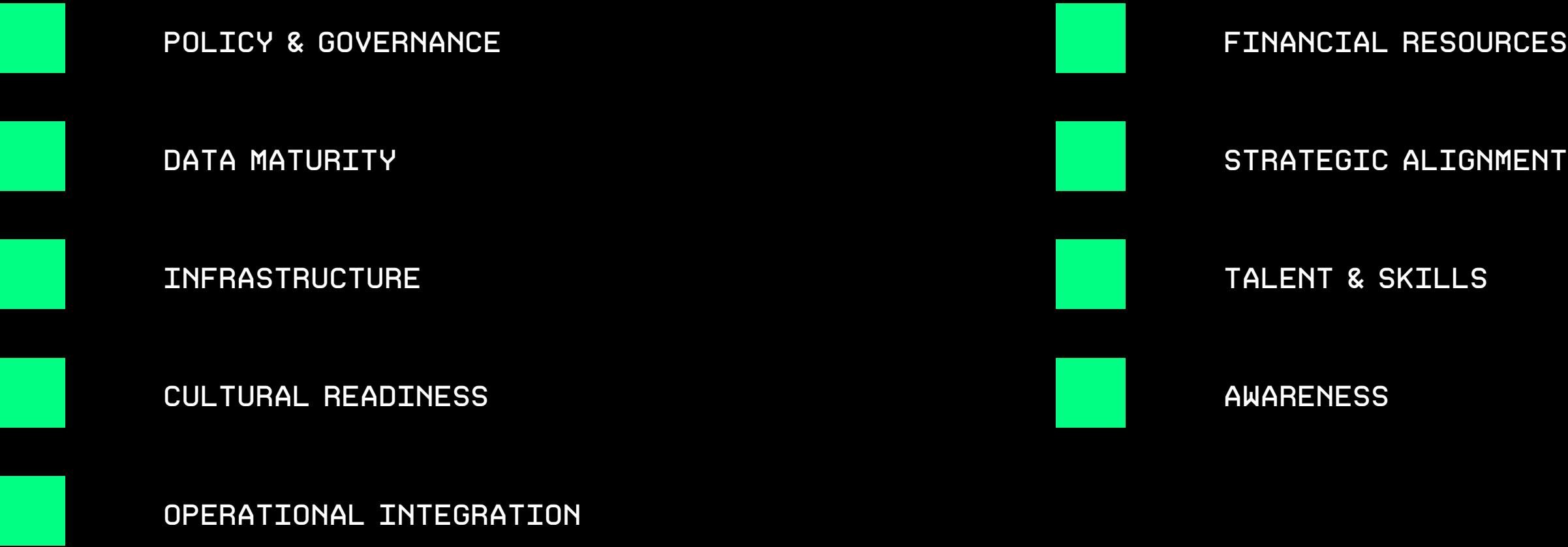
Large Model

▶

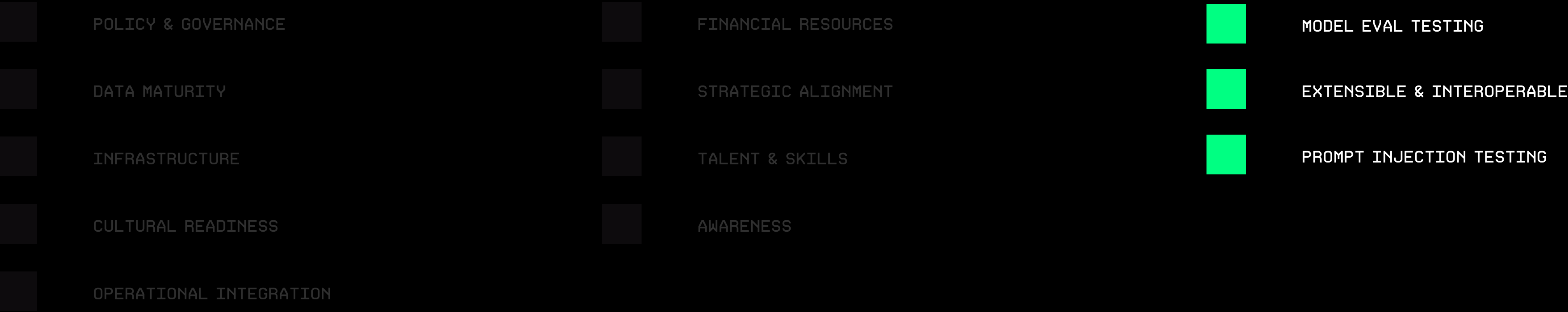
Terminal

alexeypajitnov@Slate-Mac Demos %

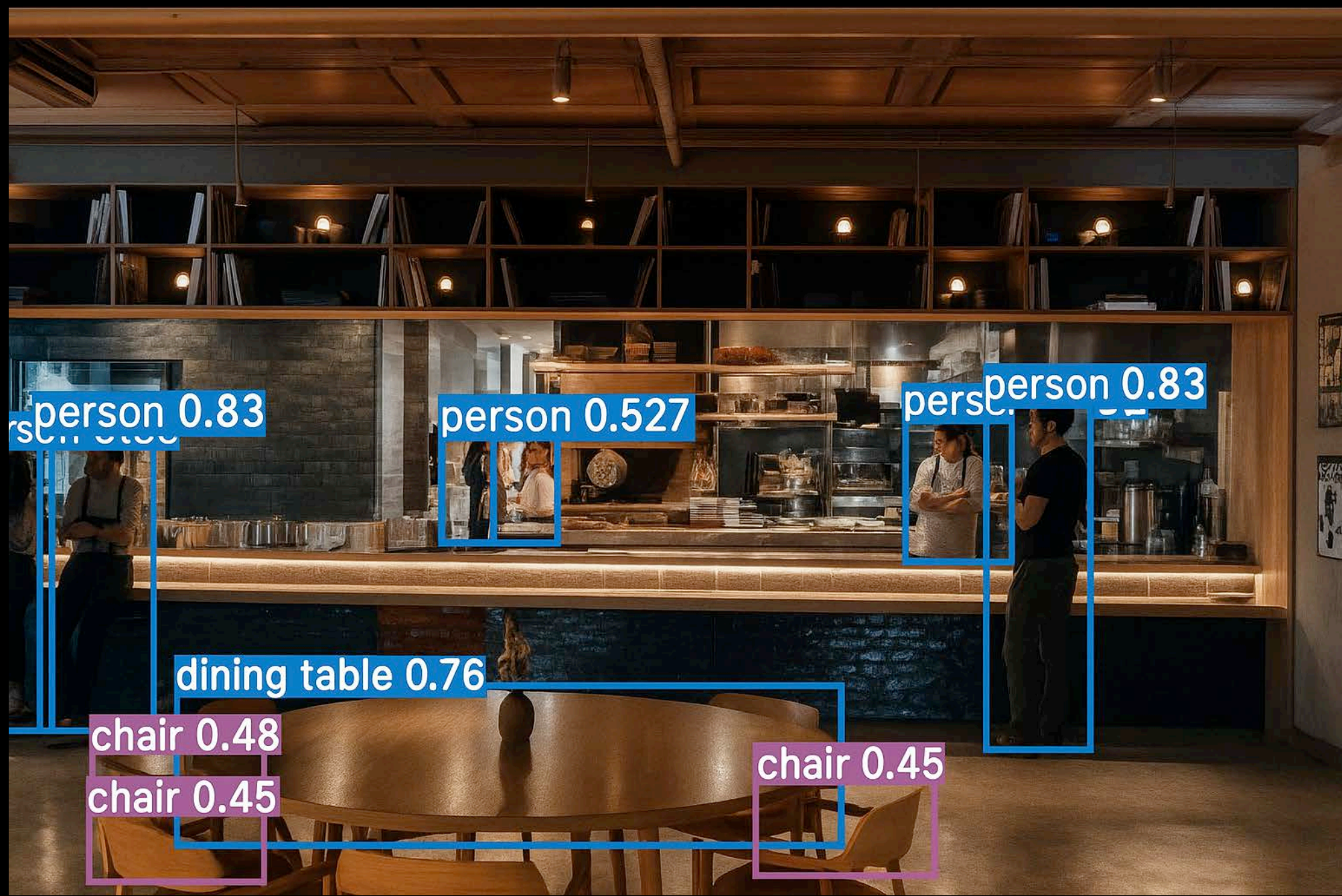
Consider multiple dimensions when engaging in AI deployments



Consider multiple dimensions when engaging in AI deployments



Material gains by taking a counter-intuitive approach to AI solutions



Payment Summary Download				
Expand All Collapse All				
TYPE	TRANSACTIONS	AMOUNT	NON-CASH TIPS	TOTAL
> Cash	1268	\$33,299.70	\$0.00	\$33,299.70
> Credit	556	\$16,750.24	\$3,894.53	\$20,644.77
> Gift Card	141	\$2,195.30	\$340.21	\$2,535.51
> Other	17	\$399.67	\$10.78	\$410.45
> House Account	8	\$100.83	\$13.86	\$114.69

The biggest wins often
come from non-obvious
insights.

The biggest wins often
come from non-obvious
insights.

Win with singles; not
home-runs.



SECTION 04

Questions?

Q&A



Thank You

Farpoint is a global AI consulting firm. Our mission is to empower every person and organization to solve their most important problems.

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