Decision Intelligence

The Decision-Maker in

Isolation

Luck

Quality of decisions

Decision Intelligence

Turning information into better action
at any scale, in any setting

> Decision making is a **skill**
> you can get better at.

Decision

Irrevocable allocation of resources

Outcome

How things turn out later


DECISION INTELLIGENCE PROBLEMS
1 DICE GAE 'S DILE
COIN FLIP $500
WIN
$100
WIN
$100
VR
$100
YOU WIN
$100
WIN
$100
$100
YOU WIN
$100
DICE GAME
If it lands on Six.
COIN FLIP GAME
You win $100
5
VS
50
DICE GAME
DICE GAME
$100
PROBABITY PALE
$500
FFIN TAILS
COIN GAME
YOU WIN $100
EXPERTED VALUE $50,0
YOU WIN $00

Outcome

How things turn out later

Outcome Components

1. Quality of the decision
2. Luck

Outcome Components

1. Quality of the decision
2. Luck

For important decisions, **document the decision making process.**

Why are some decisions so difficult?

Number of Options

Fewer options makes the decision easier

Clarity of the Objective

Clear objectives makes the decision easier

Pressure

decision easier

Information

More and bette
makes the decis

Timing

More free time makes the decision easie

Similarity Between Options

An **obvious winner** makes the decision easier

Cost

Lower cost makes the decision easier

Emotional Triggers

Less emotion makes the decision easier

Number of Decision-Makers

Fewer stakeholders makes the decision easier

Social effects

Fewer people affected makes the decision easier

Internal Conflicts

Fewer categories of incentive makes the decision easier

Adversarial Effects

Lack of competitors makes the decision easier

Risk

Probability is known

Ambiguity

Don’t know the probabilities

How to set goals

Goal Setting

Think about your **priorities** and **opportunities**.

Forming Priorities

Begin with **non-priorities**.

Goal Setting Mistakes

1. Too concrete
2. Too vague

How to set goals

> Have layers of goals that serve different purposes.

Outcome goal

The win you're actually interested in

Performance goal

Measurable and mostly under your control

Process goal

Measurable and fully under your control

How to set goals

Outcome goal	Performance goal	Process goal
Be as healthy as possible this year.	Run five miles in under 45 minutes.	Run for 45 minutes every other day.

Intuition and the value of clairvoyance

The Value of Clairvoyance

The **effort**, **information**, and **data** put toward a decision

Visualize best and worst case scenarios that could come out of your decision.

When the value isn't high, use **intuition**.

A good decision maker doesn't **overspend** or **underspend** on a decision.

If you could have certainty, what is the most you would pay for it?

The hackable human

Principal Agent Problem

A conflict in priorities between the owner of a business and the agent who is managing the business

Objective decision-making

Confirmation Bias

What you **already believe** affects how you perceive information.

A fact is no longer just a fact.

Decision Intelligence

Upgrade 1: Using data and technology

Upgrade 1: Using data and technology

Data = better memory!

Data

- Better memory
- Easier access
- Ability to reshape it

Data may not always be true or useful.

AI is based on **data**.

Data is made by **people**.

The value of data is **memory**, not objectivity.

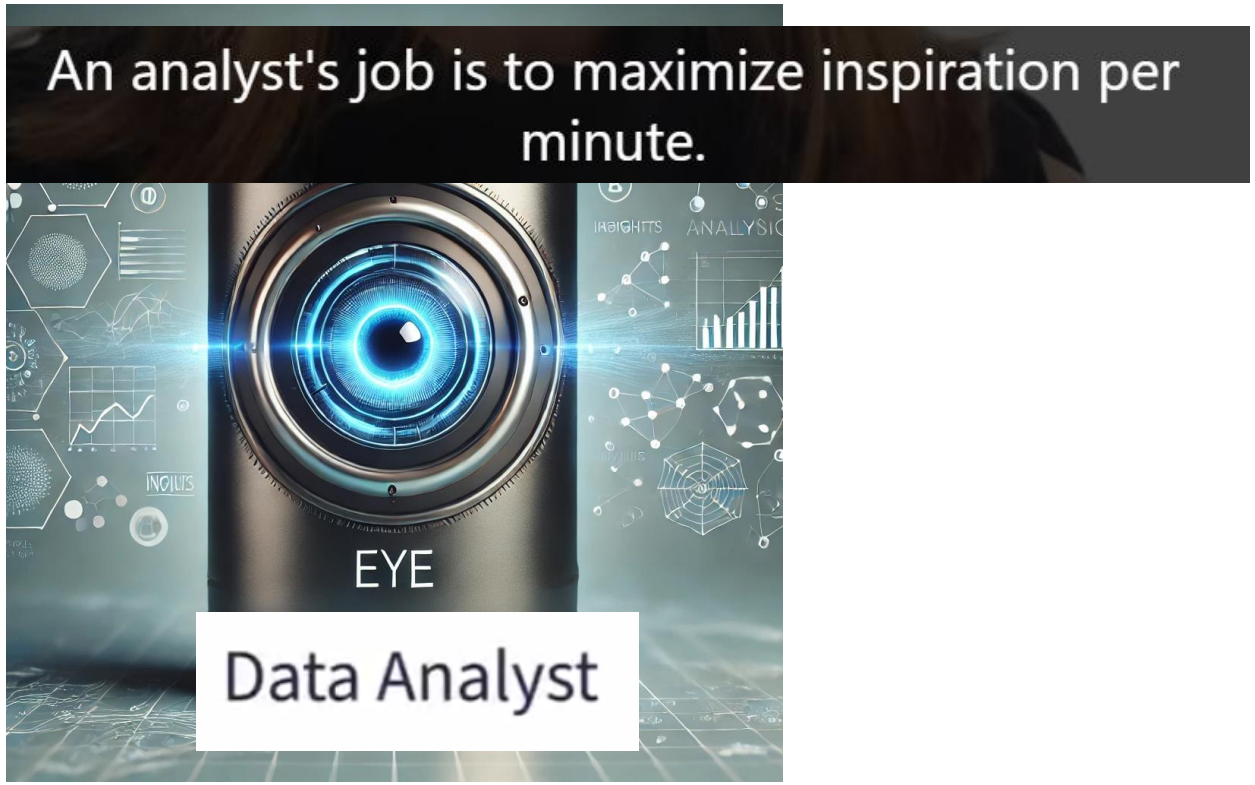
Upgrade 2: Better questions

Analytics

Taking a look at information.

Analytics is how you get inspired to **ask better questions**.

Analytics is **not** decision making.



> Managing analytics is about investing time into **exploration**.

Upgrade 3: Data Driven decisions

> For a decision to be data-driven,
> the **data** has to drive it.

Data-inspired

Confirmation bias

Problem:

Moving the goalposts
after you analyze the data

Solution:

Set the goalposts in
advance and resist the
temptation to move them

Upgrade 3: Better answers

How to Drive a Data-Driven Decision

The default action

1. What would you do with **no new information?**
2. What would you do with **any information you wanted?**

> Full information is always better

> Statisticians help you balance the **probability of making the wrong decision**, with the **budget you're willing to pay** for data.

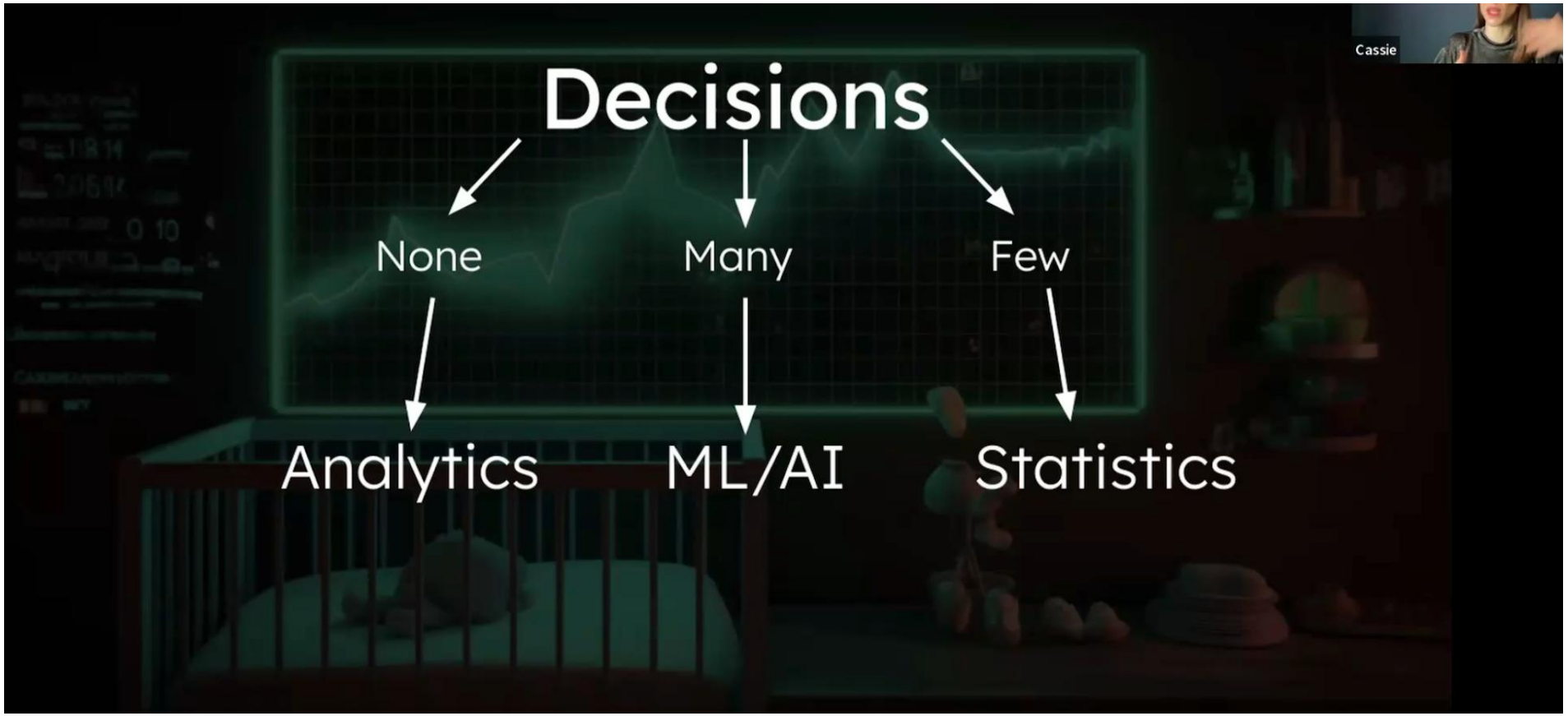
How to Frame a Decision

- No information
- Full information
- Partial information

Upgrade 5: Decision Automation

> Data science is the discipline of making data useful.

Upgrade 5: Decision Automation



12 Steps of Statistics

1. Default action
2. Operationalization
3. Population
4. Simulation
5. Data strategy
6. Assumptions
7. Hypotheses
8. Method selection
9. Power analysis & code review
10. Collection
11. Testing
12. Reporting

A p-value is:

A) The overall probability of obtaining the observed sample.

B) The probability that the null hypothesis is true.

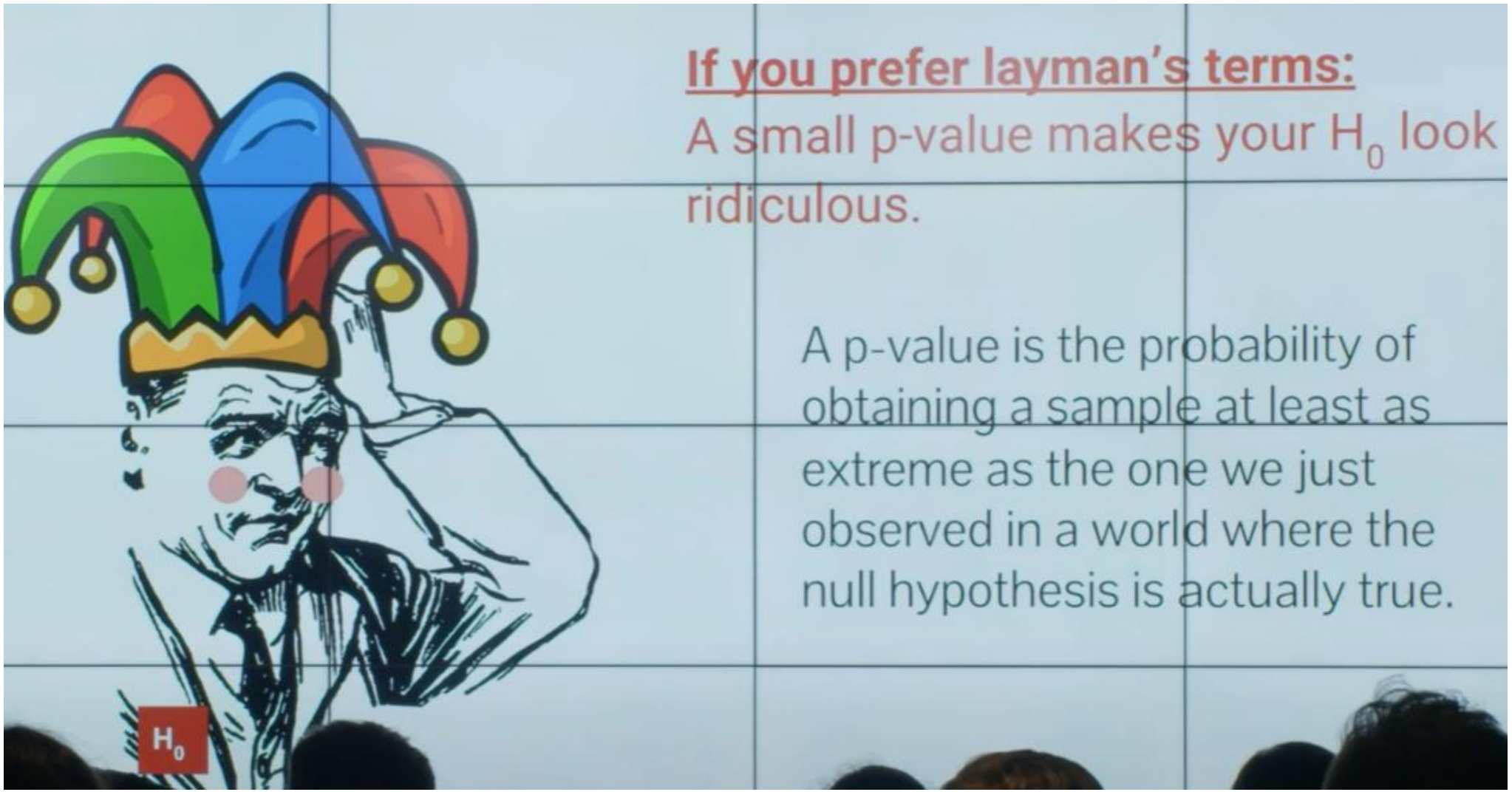
C) The significance level of the test.

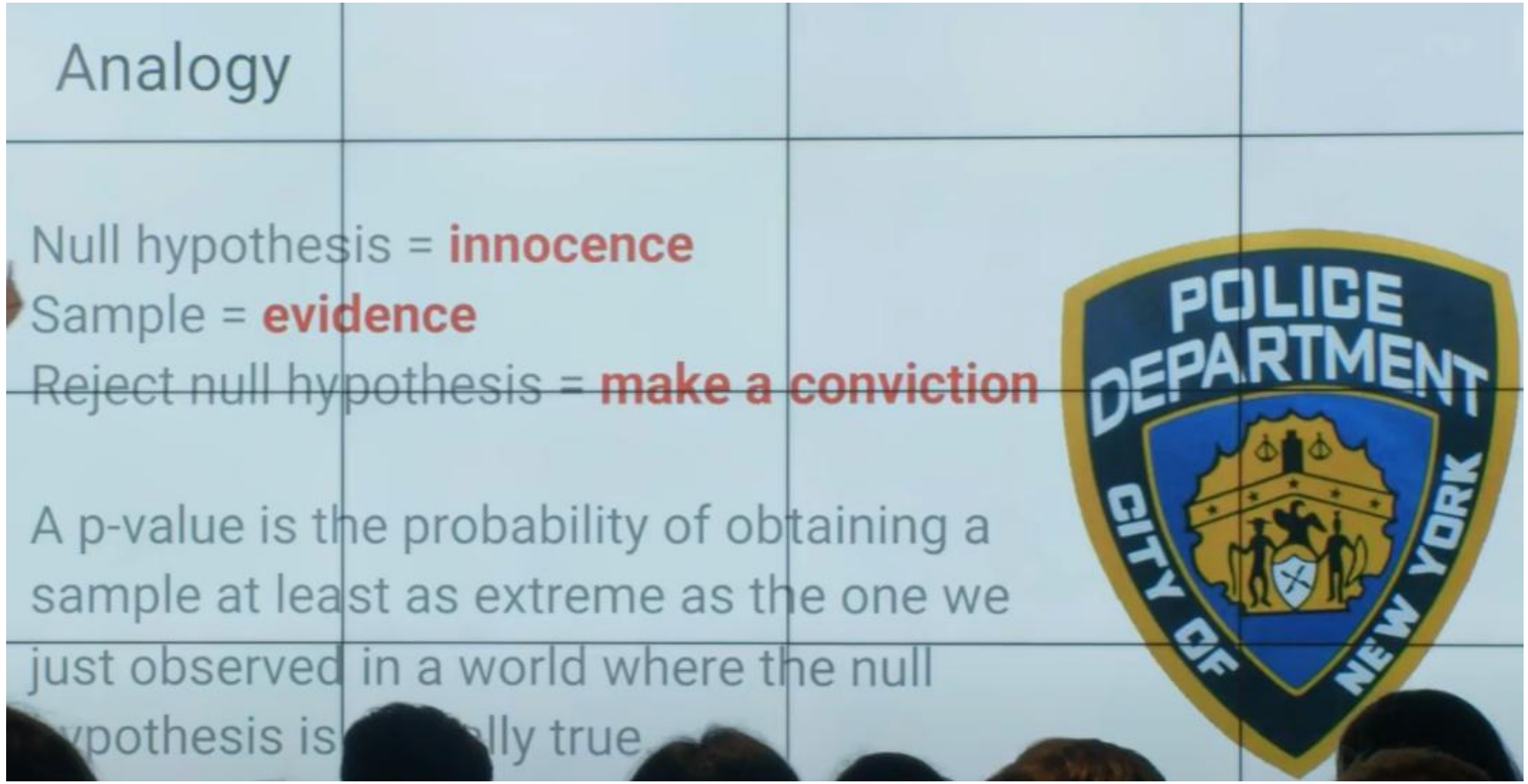
D) The probability that the null hypothesis is false.

E) The probability of falsely rejecting the null hypothesis.

Definition: p-value

A p-value is the probability of obtaining a sample at least as extreme as the one we just observed in a world where the null hypothesis is actually true.


If you prefer layman's terms:
A small p-value makes your H_0 look ridiculous.
A p-value is the probability of obtaining a sample at least as extreme as the one we just observed in a world where the null hypothesis is actually true.
H_0


Analogy
Null hypothesis = innocence
Sample = evidence
Reject null hypothesis = make a conviction
A p-value is the probability of obtaining a sample at least as extreme as the one we just observed in a world where the null
POLICE DEPARTMENT
CITY OF NEW YORK

Analogy

Null hypothesis = **innocence**
Sample = **evidence**
~~Reject null hypothesis =~~ **make a conviction**

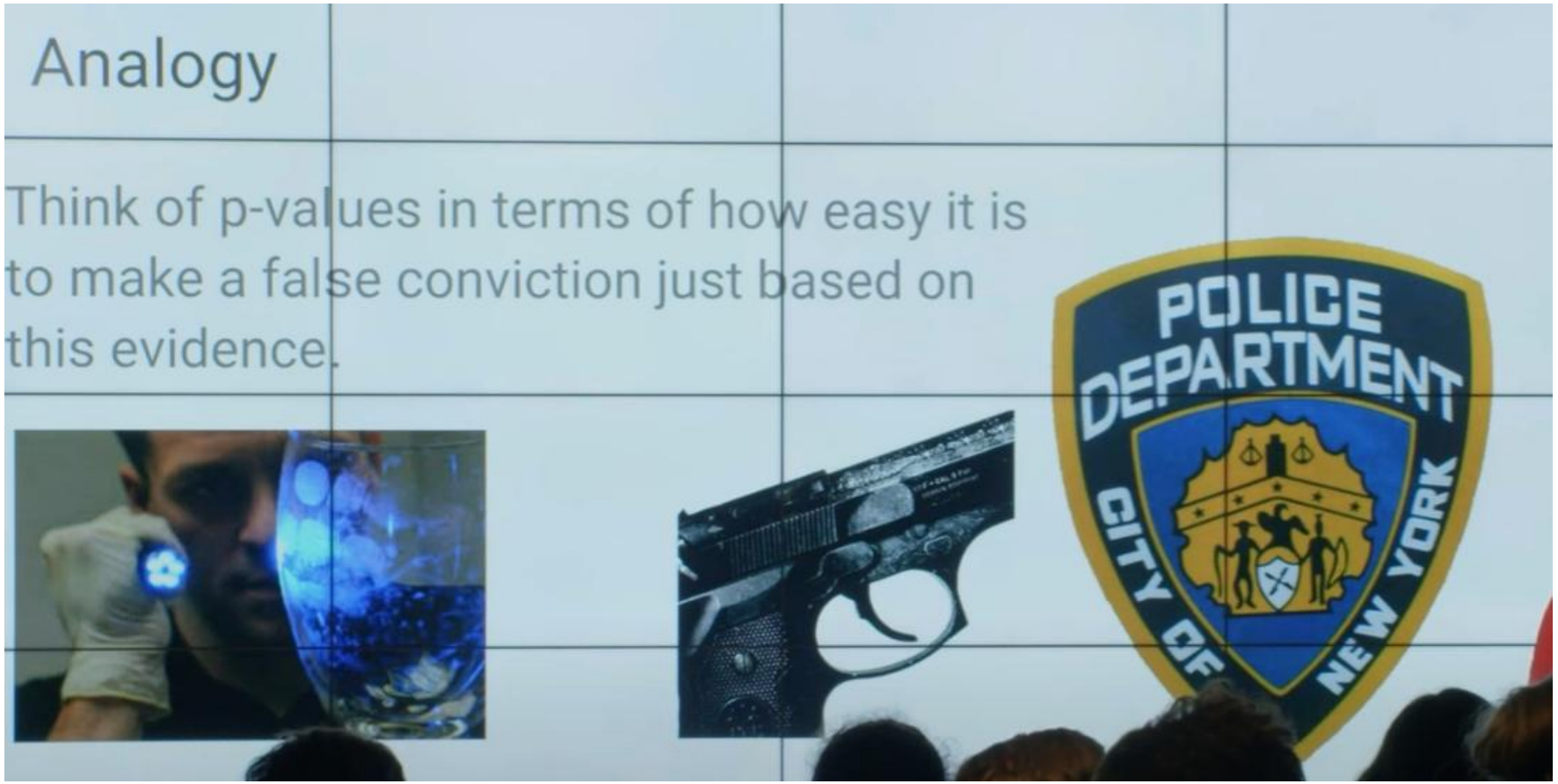
A p-value is the probability of finding at **least as much damning evidence** as we just observed in a world where the null hypothesis is actually true.

Analogy

Null hypothesis = **innocence**
Sample = **evidence**
~~Reject null hypothesis = **make a conviction**~~

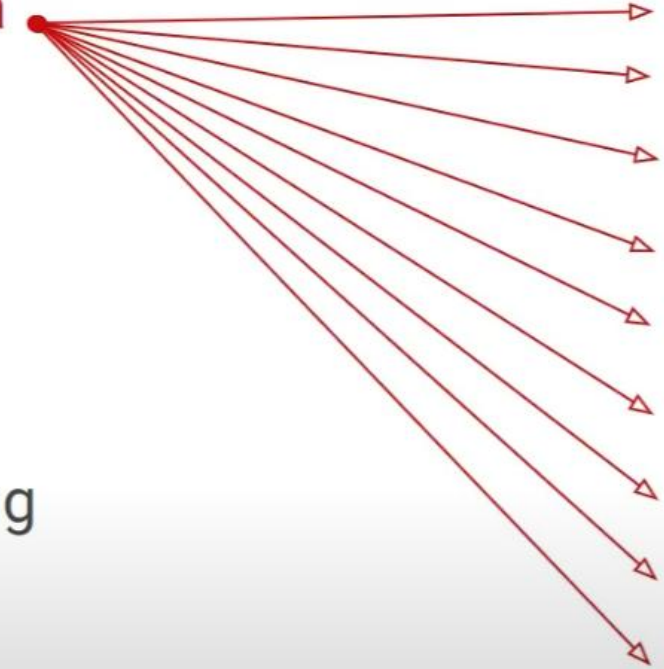
A p-value is the probability of finding at least as much damning evidence **if the person is actually innocent**.

Un **p-valor** es la probabilidad de encontrar evidencia al menos tan condenatoria como la nuestra en un mundo donde la hipótesis nula es realmente cierta.



12 Steps of ML/AI

1. Objective & criteria
2. Data collection
3. Data splitting
4. Exploration
5. Algorithms
6. Training
7. Tuning & debugging
8. Validation
9. Testing
10. Productionization
11. Launch decision
12. Monitoring & maintenance



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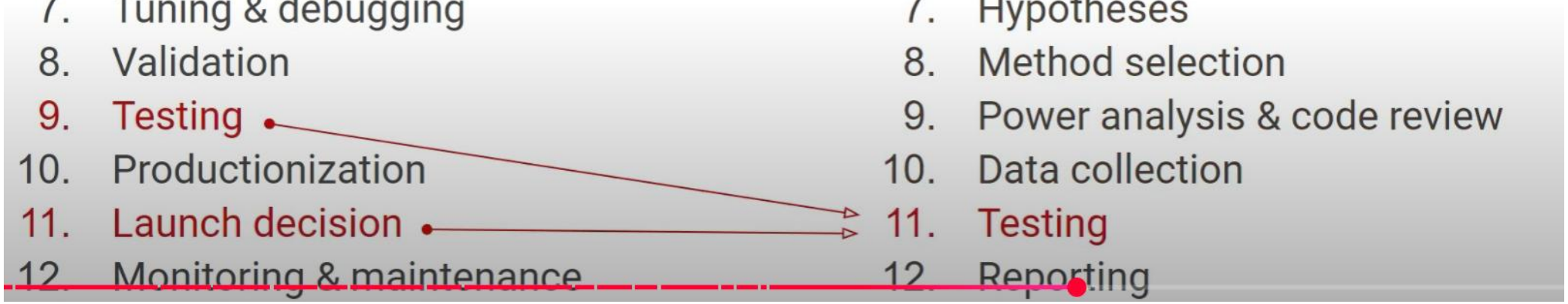


“The world represented by your training data is
the only world you can expect to succeed in.”

12 Steps of Individual AI

1. Go to AI product page/app
2. Play with it
3. Play with it
4. Play with it
5. Play with it
6. Play with it
7. Enter credit card details
8. Play with it
9. Play with it
10. Play with it
11. Play with it
12. Play with it

12 Steps of ML/AI

1. Objective & Criteria
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8. Validation
9. Testing
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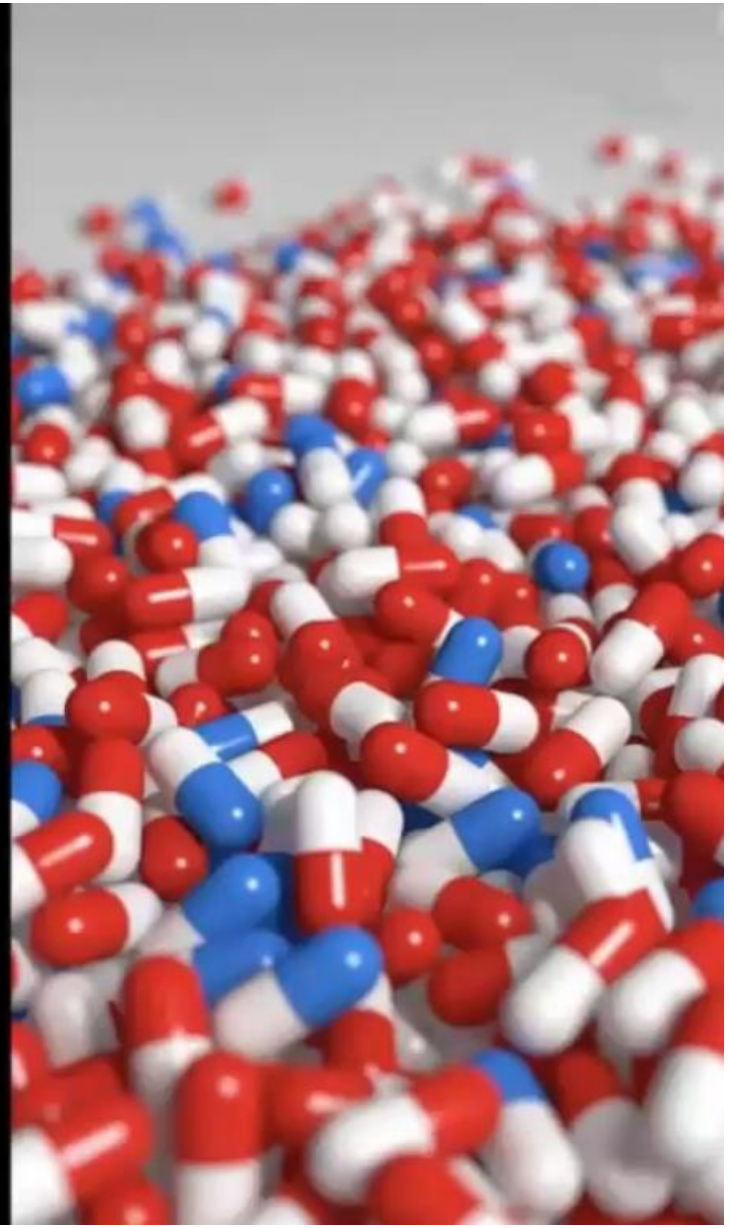
11. Launch Decision
12. Monitoring & Maintenance

12 Steps of E

1. Ideation
2. Stakeholders
3. Deep Dive
4. Responsibilit
5. Criteria
6. Feasibility
7. Planning
8. Data
9. Engineering
10. Trustworthin
11. Implementat
12. Deployment

Enterprise AI is like medicine

It can be a life-changer to those who need it, but everyone else should know better than to snack on it out of boredom.



guage Models

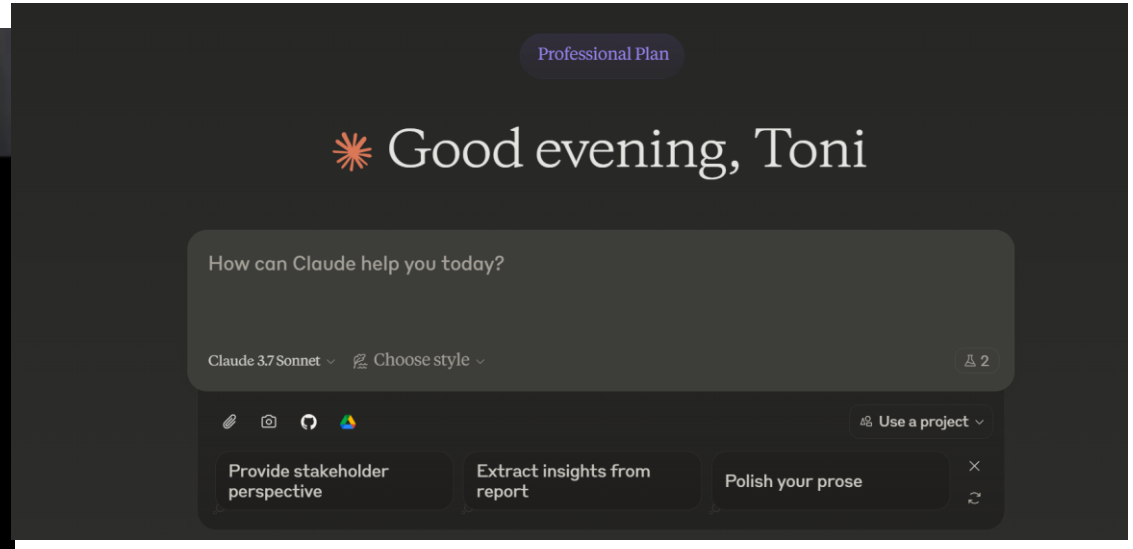
nguage model. It's a foundation model.

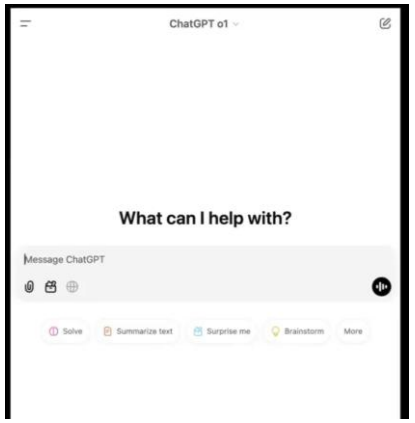
ku, & Gemini 2.0 Flash are specific LLMs.

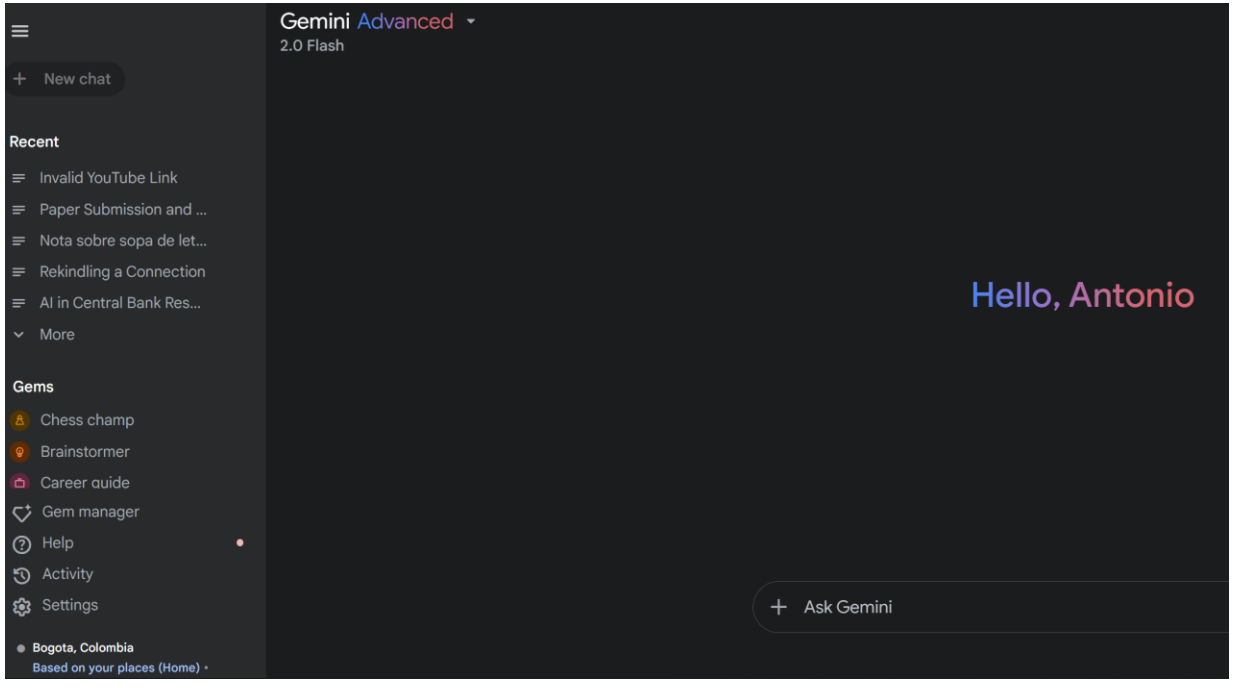
Gemini are direct interfaces to those

l Google are the companies that brought
s.

now:
M and you can play with it in ChatGPT."







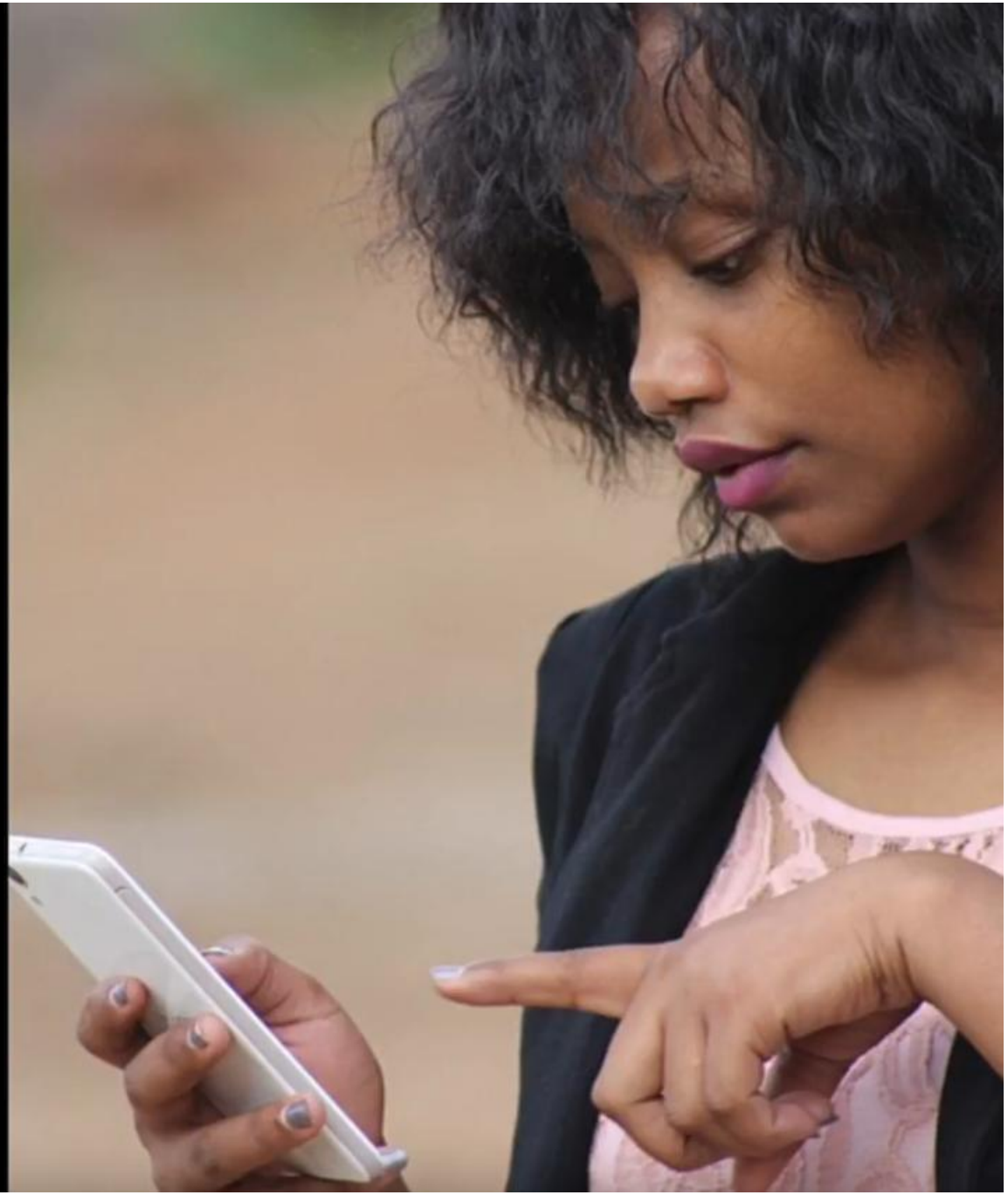
Human and human working together?

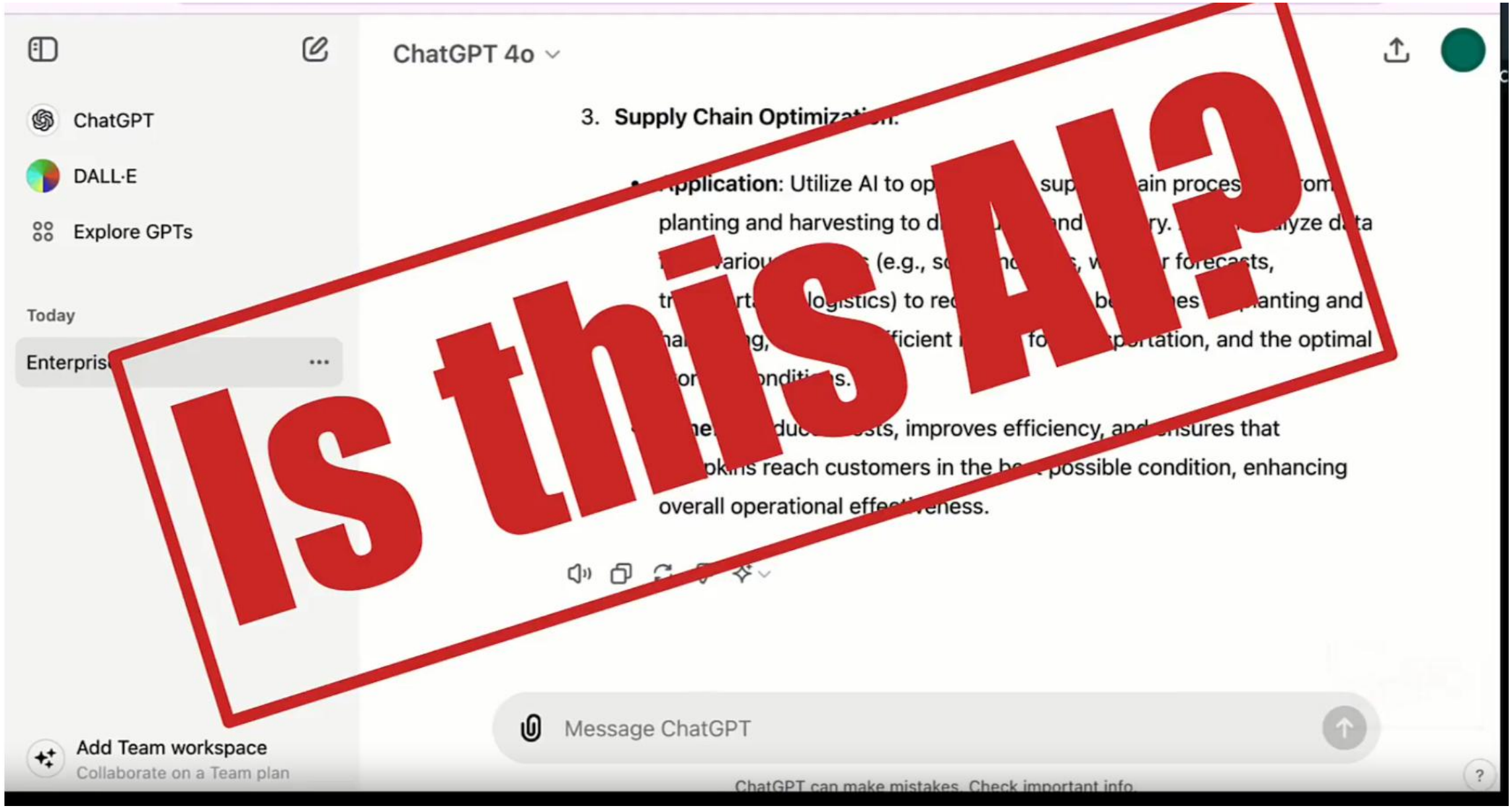
Human and donkey working together?

Human and bike working together?

Human and calculator working together?

Human and AI
working together?




ChatGPT 4o
ChatGPT
DALL·E
Explore GPTs
Today
Enterpris
3. Supply Chain Optimizati
Application: Utilize AI to op sup ain proces rom
planting and harvesting to d nd ry. lyze da ta
vario (e.g., s , w r forecasts,
t logistics) to re be es anting and
ha g, fficient fo portation, and the optimal
or nditi s.
he duc sts, improves efficiency, and nsures that
pkins reach customers in the be possible condition, enhancing
overall operational effec veness.
Message ChatGPT
Add Team workspace
Collaborate on a Team plan
ChatGPT can make mistakes. Check important info.
Is this AI?

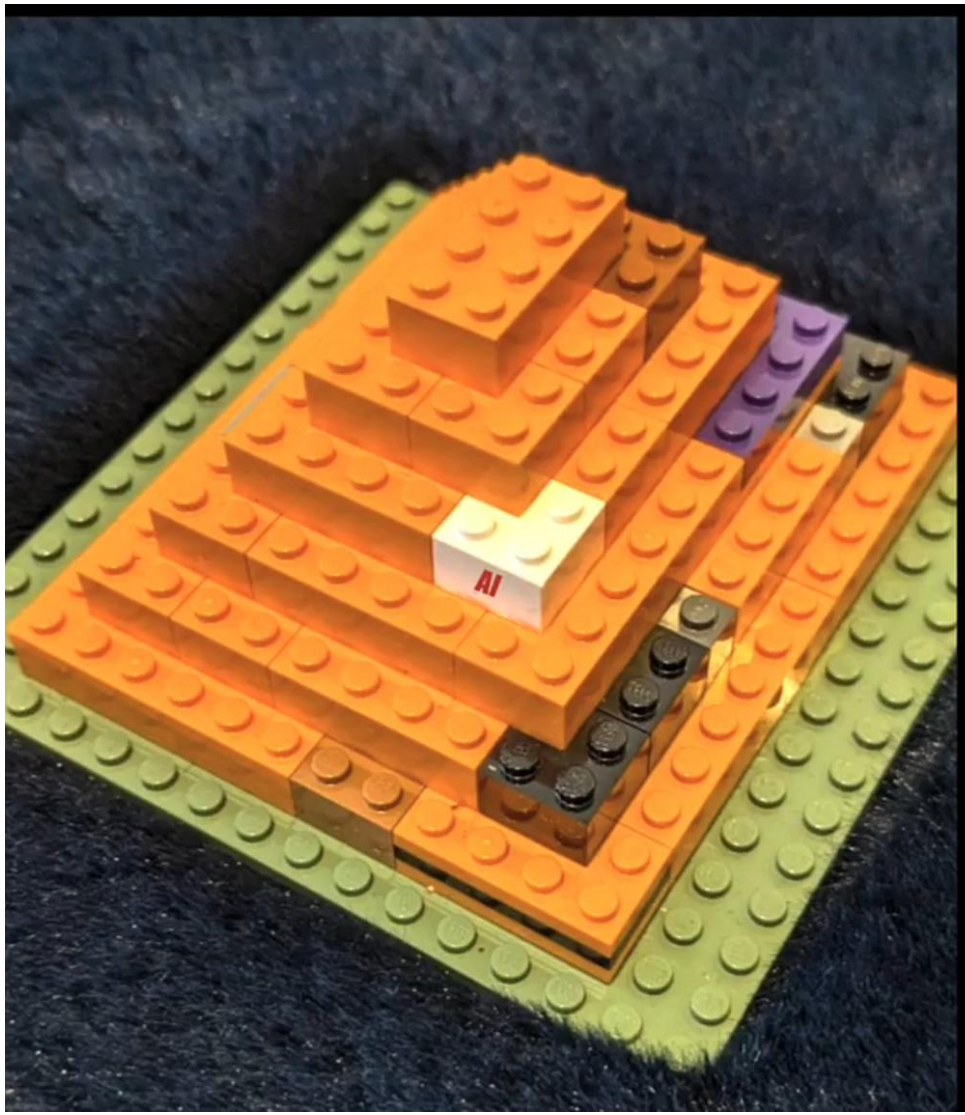
The Top 50 Gen AI Mobile Apps, by Monthly Active Users

1. ChatGPT	11. Facemoji	21. Chatbot AI & Smart Assistant	31. DAVINCI	41. Microsoft SwiftKey
2. Microsoft Edge	12. Remove It	22. Talkie	32. ChatBox	42. Prequel
3. photomath	13. ChatOn	23. Photo AI	33. Question AI	43. LooksMax AI
4. NOVA	14. EPIK	24. Face Dance	34. Cici	44. Umax
5. Bing	15. Hi Translate	25. Luzia	35. Adobe Express	45. Bobble AI
6. Remini	16. AI Mirror	26. Doubao	36. Copilot	46. ChatPod
7. Chat & Ask AI	17. Photoroom	27. Beat.ly	37. ImagineArt	47. Photoleap
8. BRAINLY	18. ChatBot	28. OANDA	38. PhotoApp	48. Chat AI
9. meitu	19. Hypic	29. SnapEdit	39. AI Chat	49. RIZZ
10. character.ai	20. AI Chatbot: AI Chat Smith 4	30. SNOW	40. Poly.AI	50. perplexity

a16z Consumer

The Top 50 Gen AI Web Products, by Unique Monthly Visits

1. ChatGPT	11. SpicyChat	21. VIGGLE	31. PIXAI	41. MaxAI.me
2. character.ai	12. IIElevenLabs	22. Photoroom	32. Clipchamp	42. BLACKBOX AI
3. perplexity	13. Hugging Face	23. Gamma	33. udio	43. CHATPDF
4. Claude	14. LUMA AI	24. VEED.IO	34. Chatbot App	44. Gauth
5. SUNO	15. candy.ai	25. PIXLR	35. VocalRemover	45. coze
6. JanitorAI	16. Crushon AI	26. ideogram	36. PicWish	46. Playground
7. QuillBot	17. Leonardo.Ai	27. you.com	37. Chub.ai	47. Doubao
8. Poe	18. Midjourney	28. DeepAI	38. HIX.AI	48. Speechify
9. liner	19. YODAYO	29. SeaArt AI	39. Vidnoz	49. NightCafé
10. CIVITAI	20. cutout.pro	30. invideo AI	40. PIXELCUT	50. AI Novelist

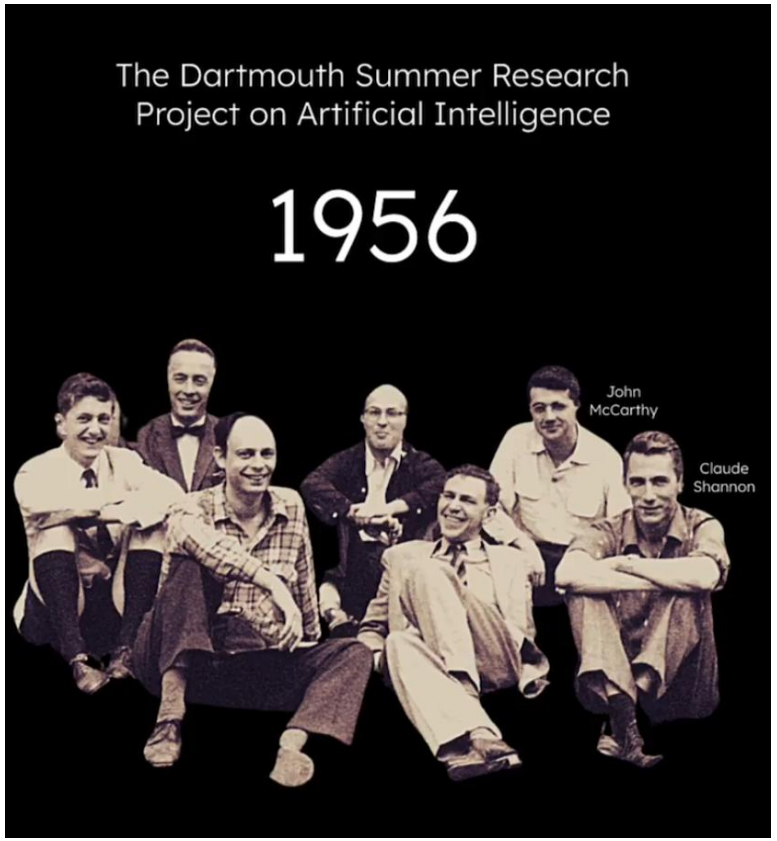


Oversimplification

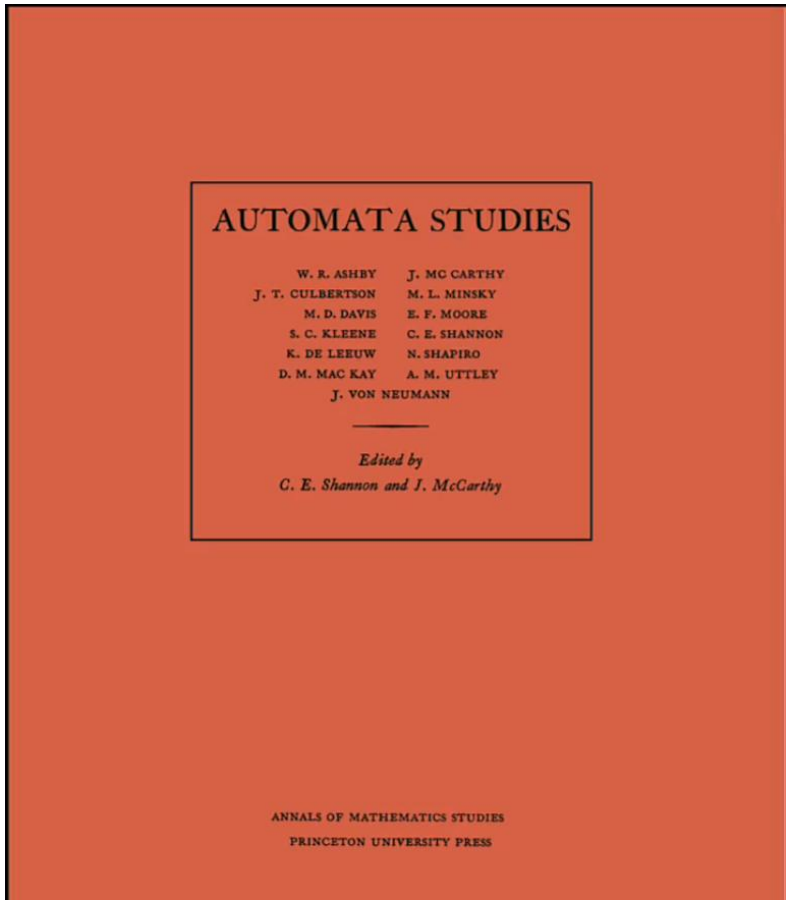
Oversimplify (verb):

remove nuance so that a distorted impression is given.

AI literacy and how to address your team's misconceptions AI's Cognitive Distortions



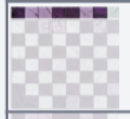
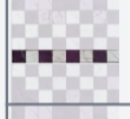
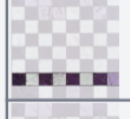
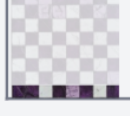
Computacional intellicenge



In Compounding, The Real Action Takes Place On The Second Half Of The Chessboard

Legendarily requesting his reward for inventing chess, the 6th century advisor to the Indian ruler:

I don't require much, your highness, just a grain of wheat on the first square of the board, doubling consecutively on each square thereafter.

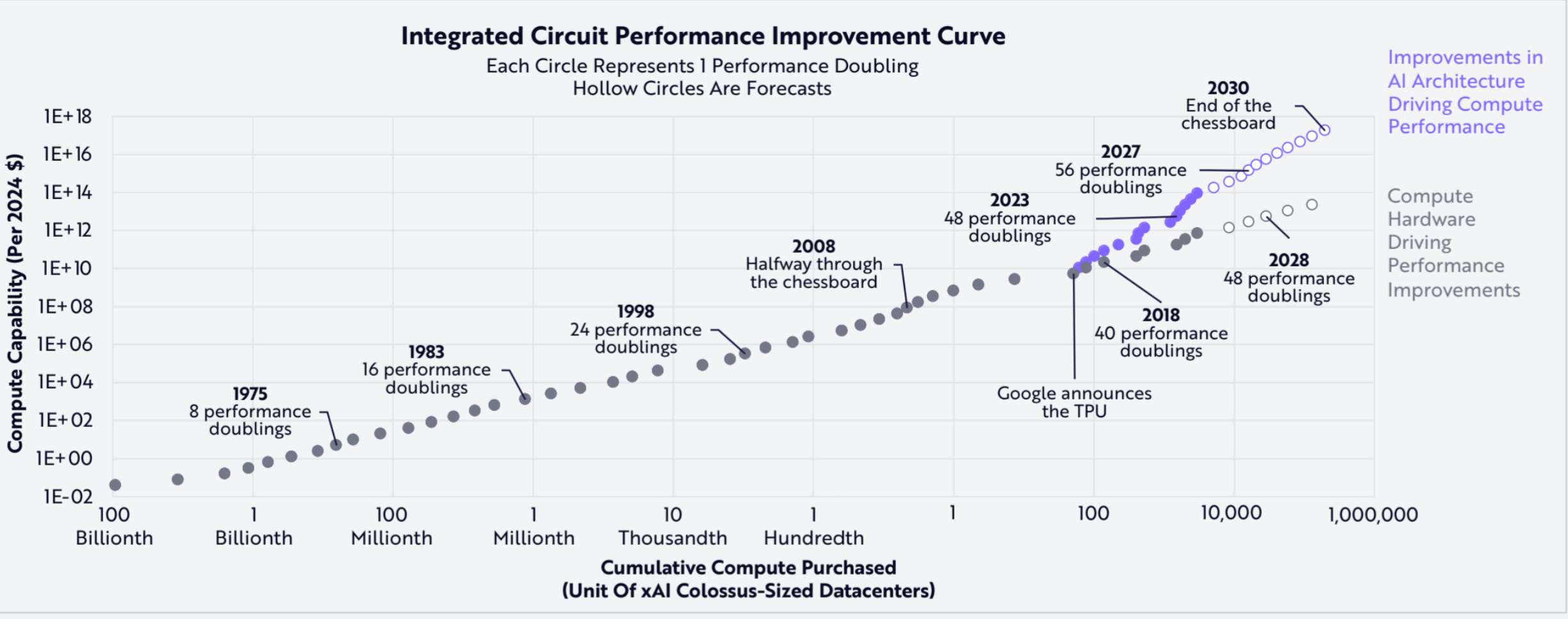
Row	2^X	Wheat Grains	Value	Year Computers Crossed The Same Compounding Threshold
	8	128	2 teaspoons of wheat	1975
	16	65 thousand	9 loaves of bread	1983
	24	17 million	4 year's sustenance	1998
	32	4 billion	7 pounds of gold	2008
	**40**	**1 trillion**	**1 ton of gold**	**2018**
	**48**	**300 trillion**	**20% of India GDP in 600 AD**	**2023**
	**56**	**70 quadrillion**	**50x Global GDP in 600 AD**	**2027e**
	**64**	**18 quintillion**	**9x Global GDP in 2024**	**2030e**

By lore, when he agreed to the reward, the Indian ruler thought it quite reasonable. By the 6th row of the chessboard, however, he had exhausted India's treasury, having paid just ~.001% of the bill.

Today, computational advance has completed the equivalent of the 6th row on the chessboard. Entering the AI cycle in 2018, computers had crossed 40 performance doublings and in 2023 surpassed 48. By the end of this decade, thanks to the acceleration in AI, computation could reach the end of the chessboard.

AI Is Accelerating The Performance Doubling Rate, Closing In On The End Of The Chessboard

Enabled primarily by architectural improvements in AI systems, performance per dollar of AI compute is expected to improve >1000x by 2030. At that time, we expect that compute performance will have doubled 64 times since the advent of the integrated circuit.

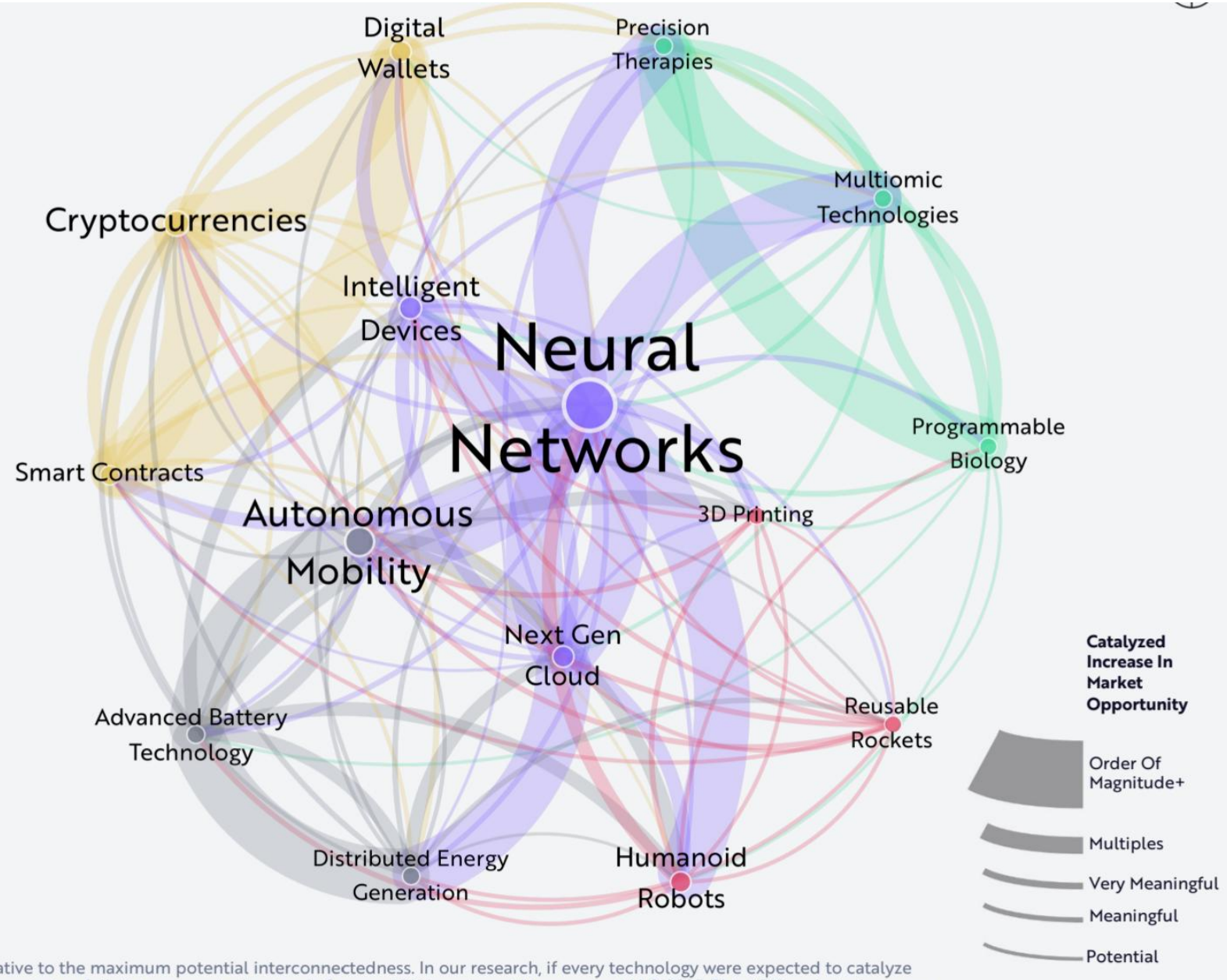


Note: The "Compute Capability per $2024 Dollar" displayed on the Y axis above is a single metric that measures 1000s of computations per second purchasable for $1. For AI compute performance, computational impact is adjusted upwards by the rate of AI architectural performance per dollar improvements according to ARK's research. It's a very large number, so we use scientific notation, e.g., "1E+21," meaning 1 followed by 21 zeros. Source: ARK Investment Management LLC, 2025. This ARK analysis draws on a range of external data sources, including Kurzweil 2005 and Jurvetson 2024 as of December 31, 2024, which may be provided upon request. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security. Past performance is not indicative of future results. Forecasts are inherently limited and cannot be relied upon.

Convergence Is Accelerating The Technology Revolution

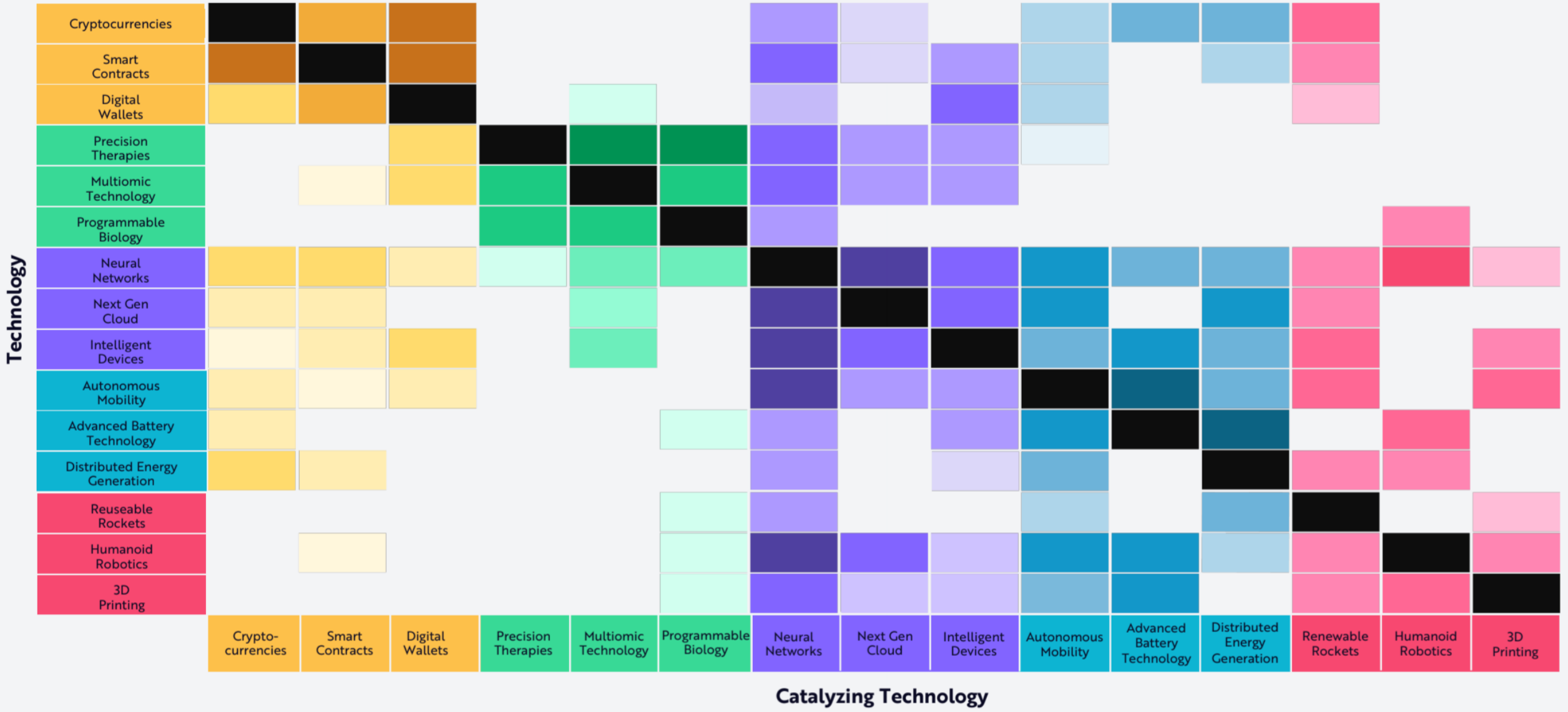
ARK measures the degree to which technologies serve as catalysts between and among innovation platforms. The convergences among them are increasing, with network density up 30% in the past year.

AI is proving more critical to unlocking the value of **Precision Therapies** and **Multiomic Technologies**. **Smart Contract** ecosystems are serving as test beds in which autonomous **AI** agents can be renumerated for sharpening their capabilities. **Next Gen Cloud** energy demand is pulling forward timelines for **Distributed Energy Generation**.



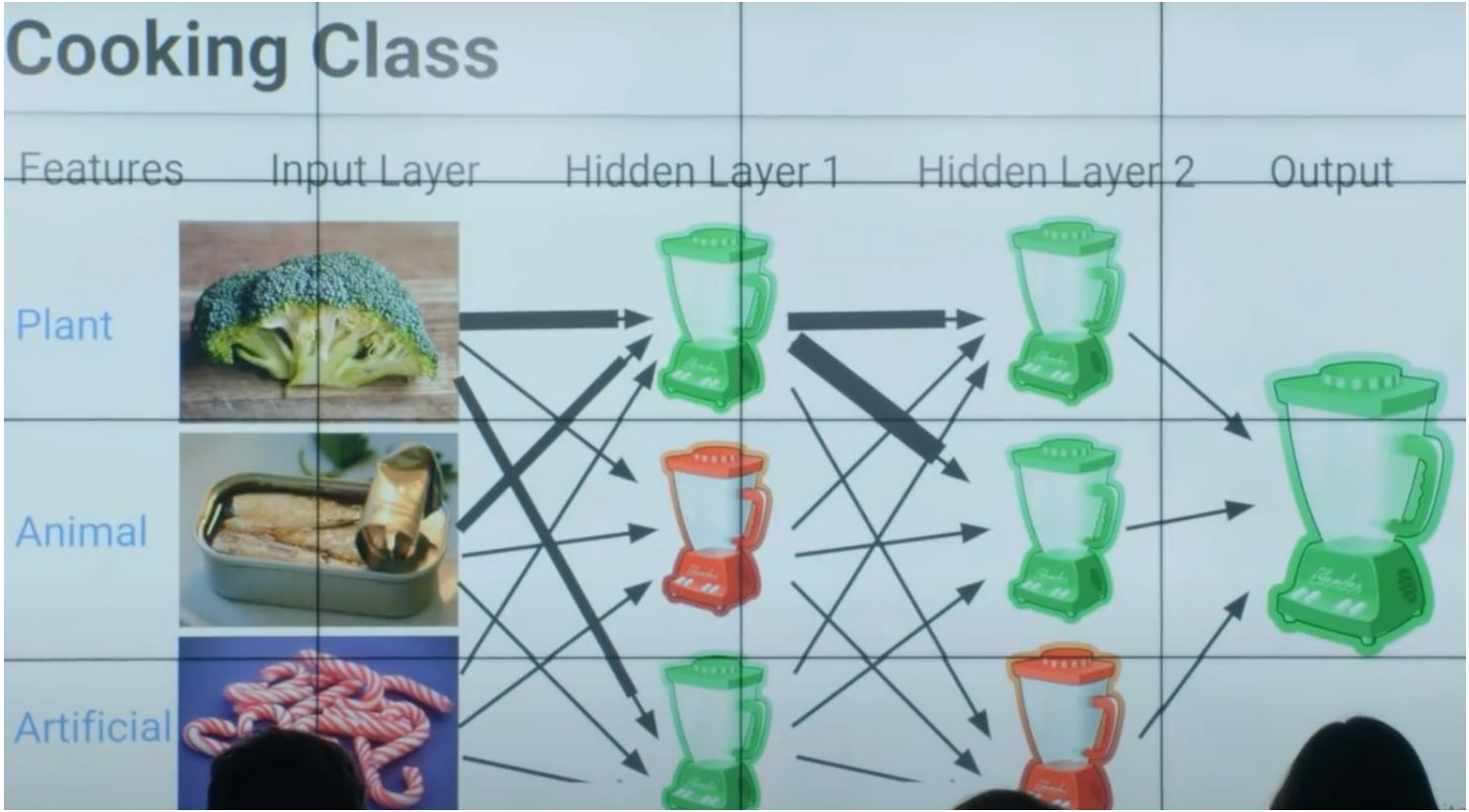
Note: "Network density" measures the degree of interconnectedness between nodes relative to the maximum potential interconnectedness. In our research, if every technology were expected to catalyze another technology to increase in value by an order of magnitude or more, that would equate to a fully interconnected network. Source: ARK Investment Management LLC, 2025. This ARK analysis draws on a range of external data sources as of December 31, 2024, which may be provided upon request. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security. Past performance is not indicative of future results. Forecasts are inherently limited and cannot be relied upon.

The Acceleration In Neural Networks Is Accelerating Every Other Disruptive Technology

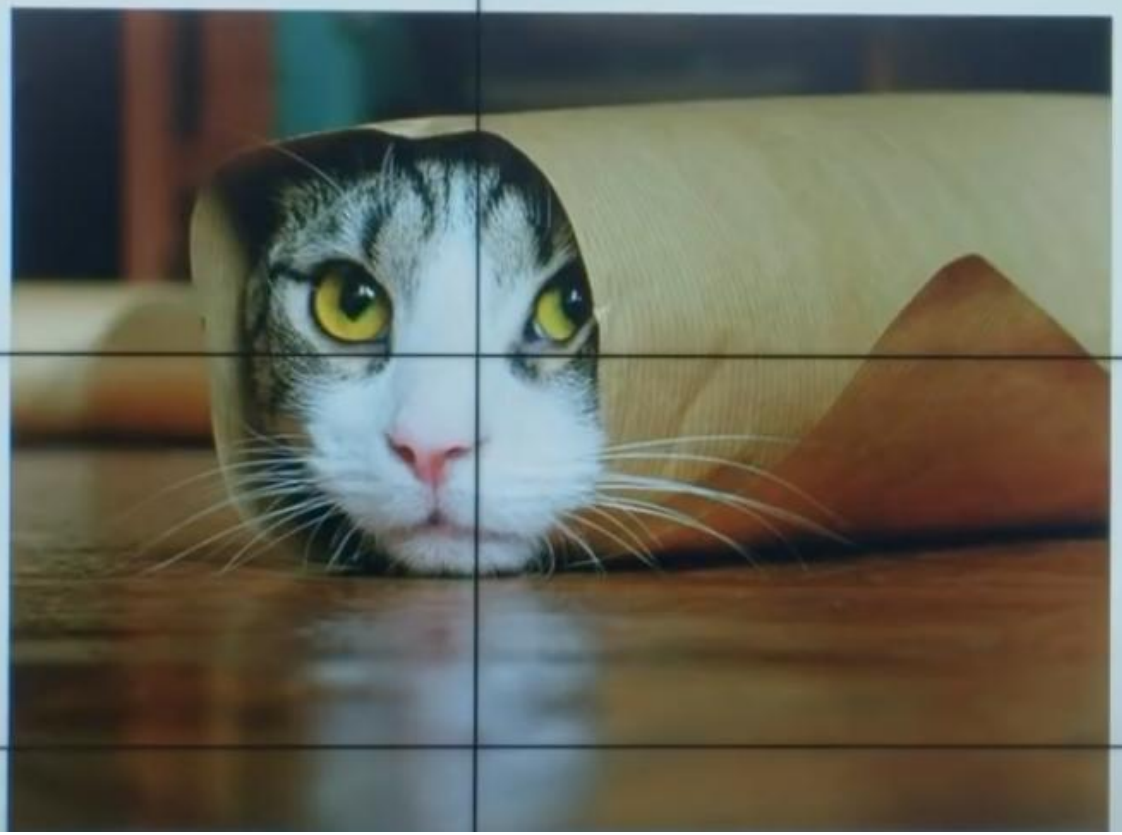


Neural Networks In A Nutshell

Layers upon layers of
data transformations.


Cooking Class
Features
Input Layer
Hidden Layer 1
Hidden Layer 2
Output
Plant
Animal
Artificial

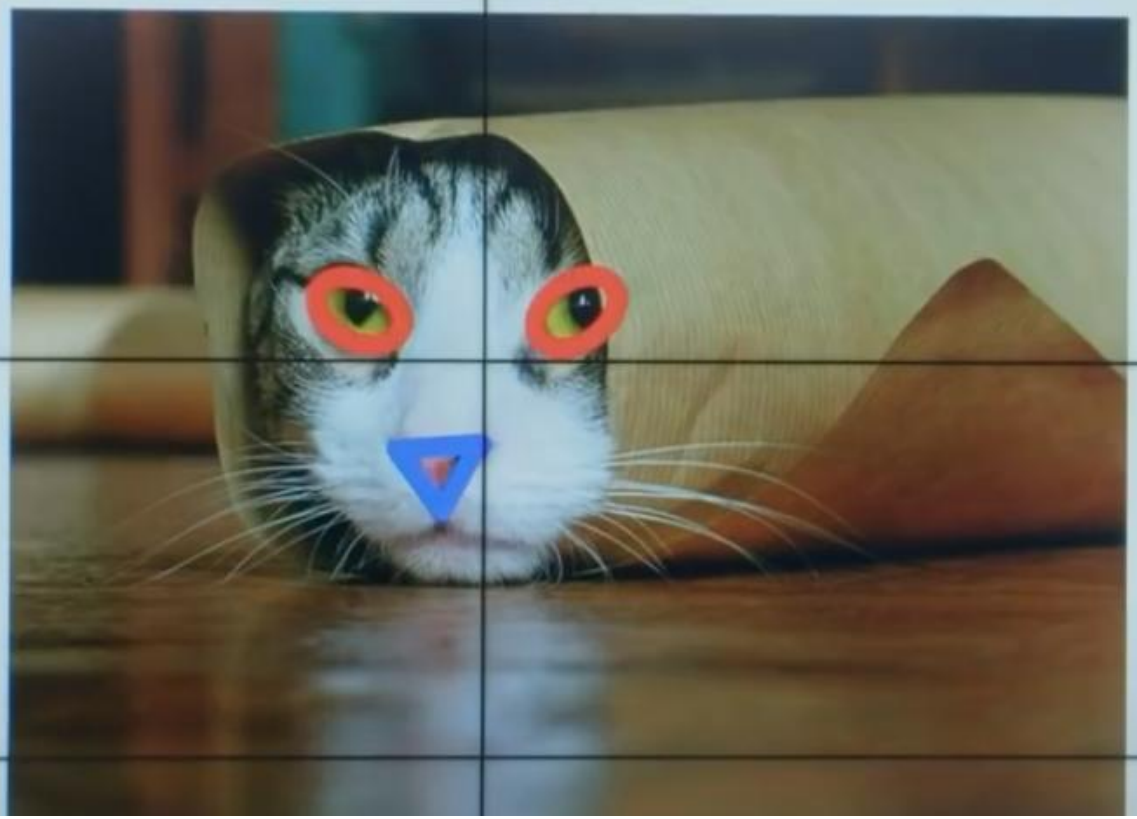
Higher Level Representations



All those transformations allow neural networks to blend (“represent”) the features in cool ways.

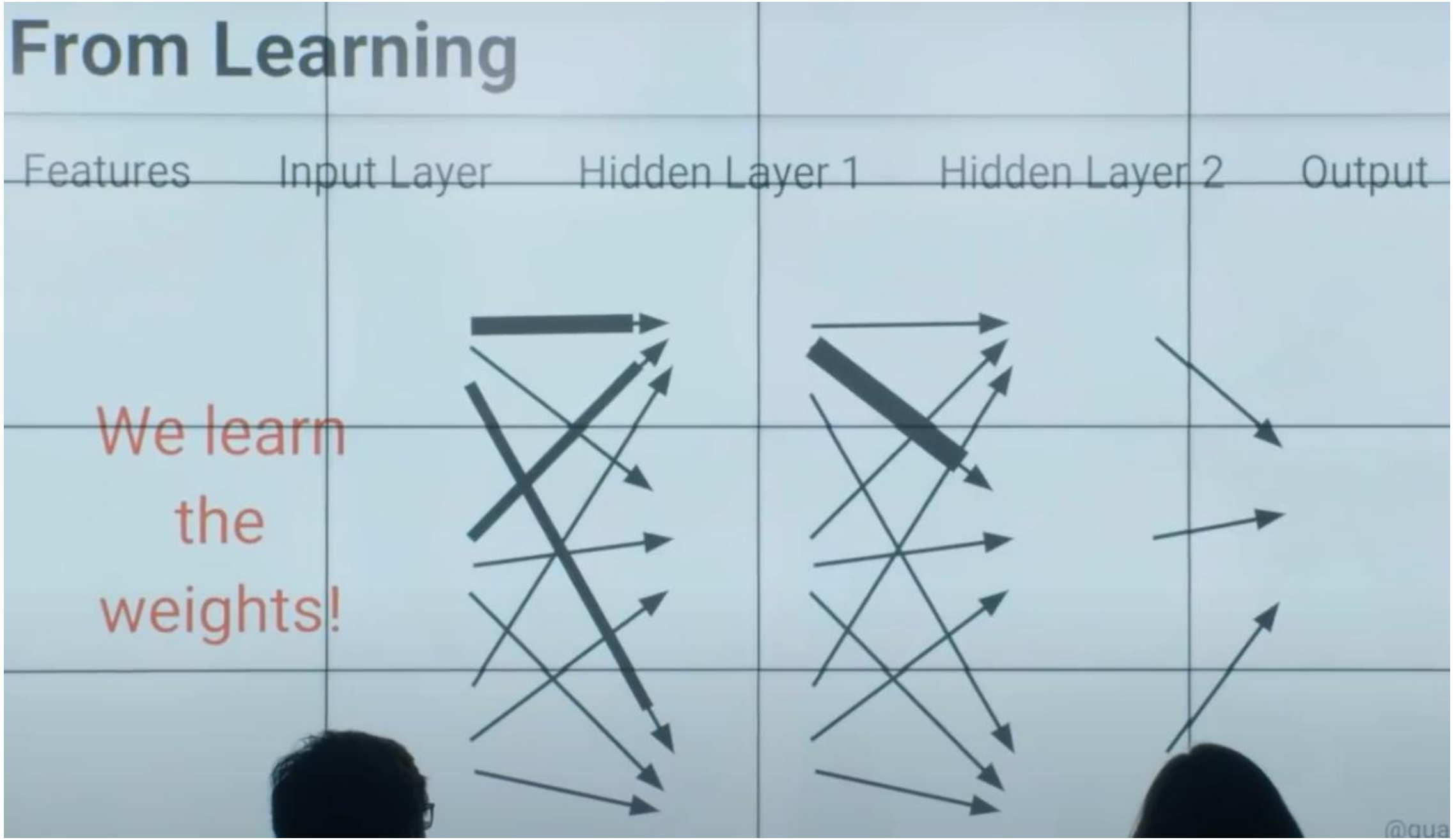
They let you exploit complex structure in data, e.g. edges and shapes, automatically.

Higher Level Representations



All those transformations allow neural networks to blend (“represent”) the features in cool ways.

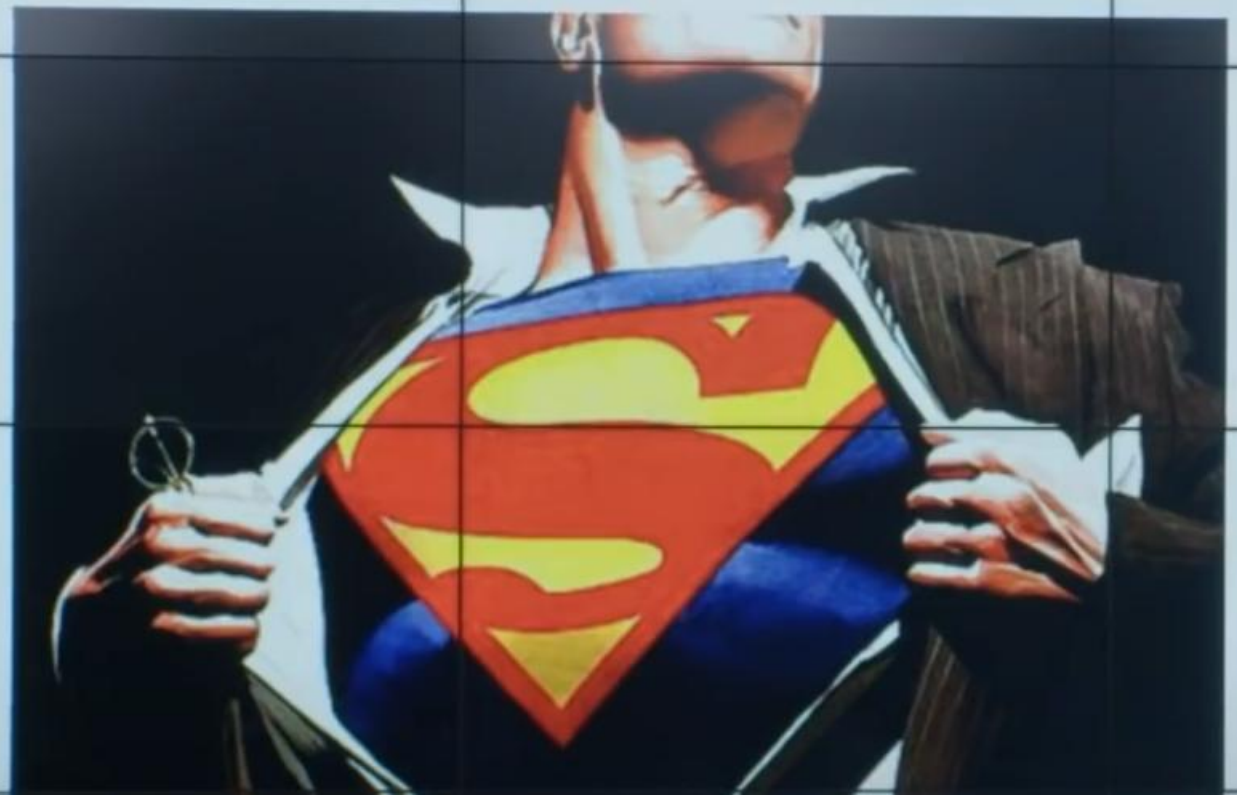
They let you exploit complex structure in data, e.g. edges and shapes, automatically.


From Learning
Features
Input Layer
Hidden Layer 1
Hidden Layer 2
Output
We learn the weights!

Sounds Easy, Is Difficult

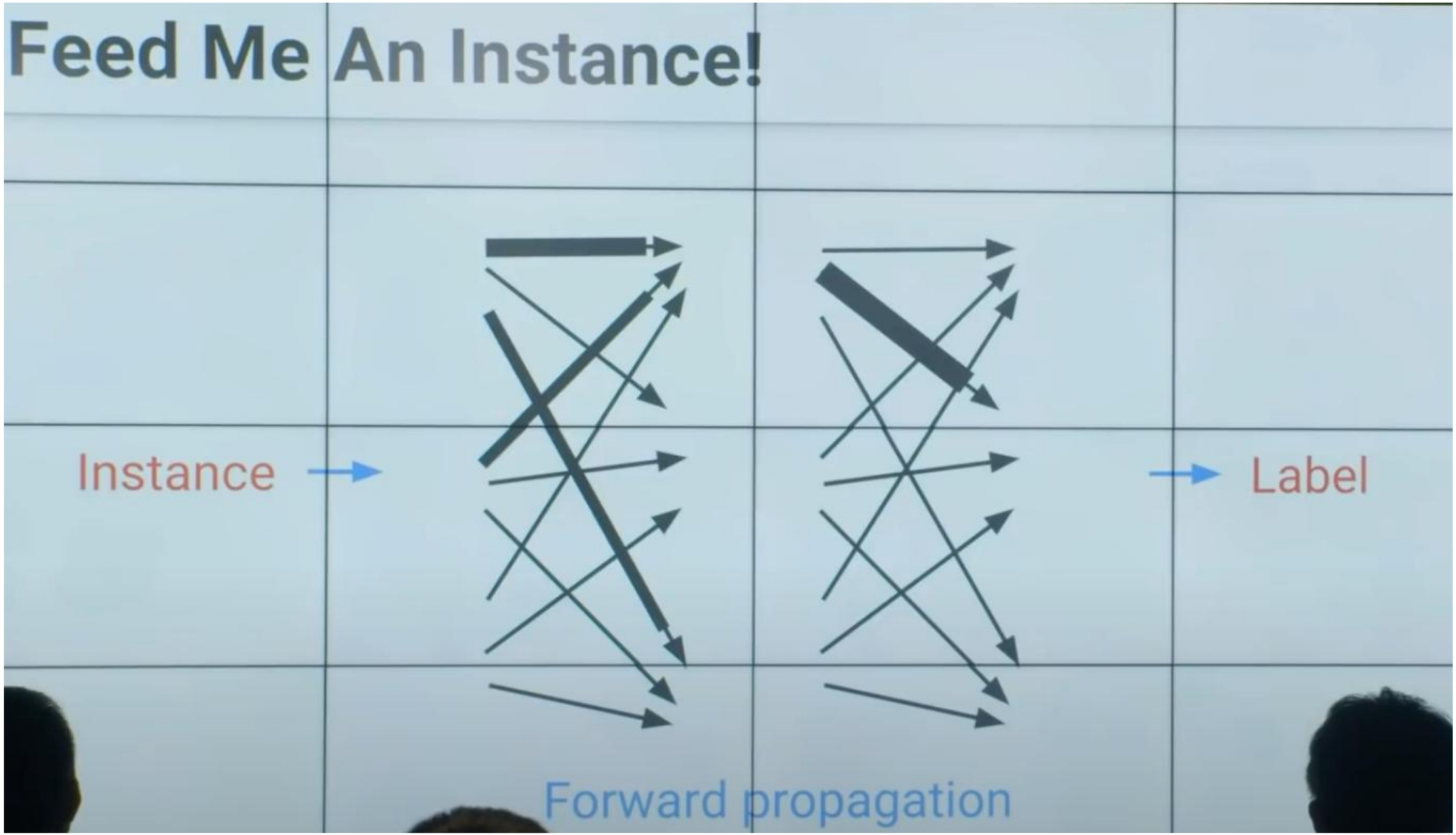
Optimizing those weights
before we die of boredom
is a challenge.

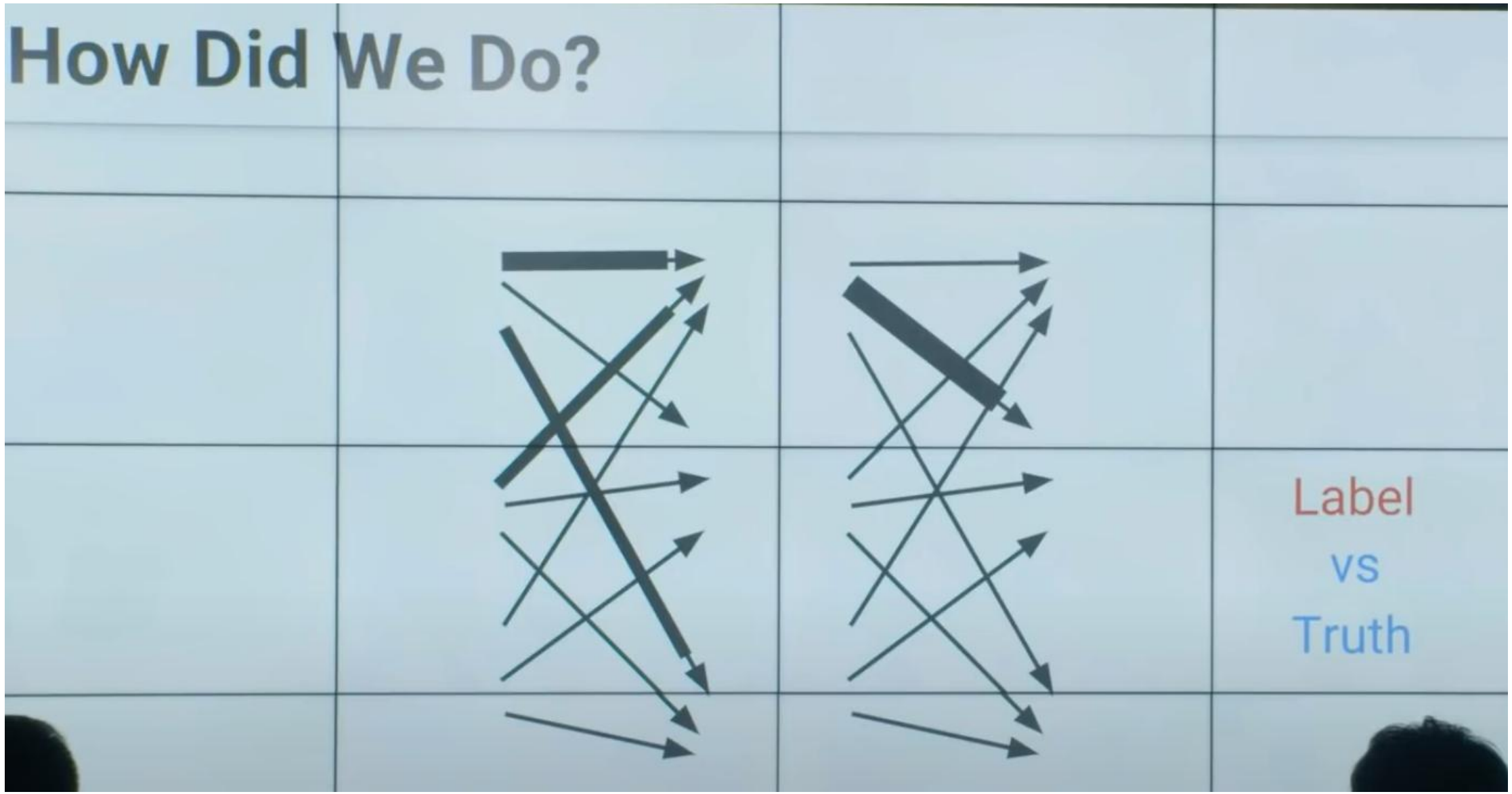
To The Rescue!

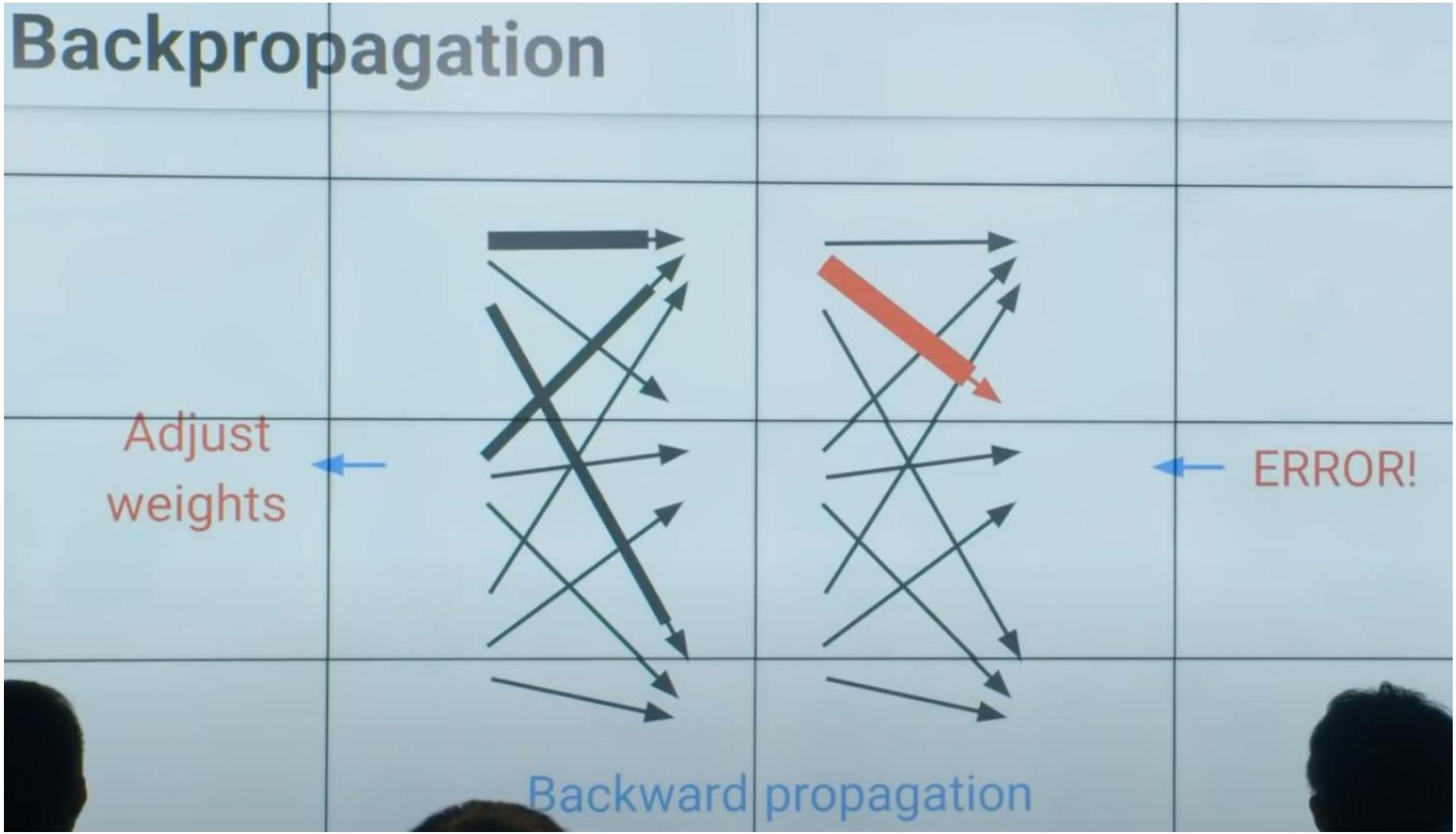


Optimizing those weights
before we die of boredom
~~is a challenge.~~

Backpropagation algorithm
to the rescue!


Feed Me An Instance!
Instance
Label
Forward propagation


How Did We Do?
Label
vs
Truth

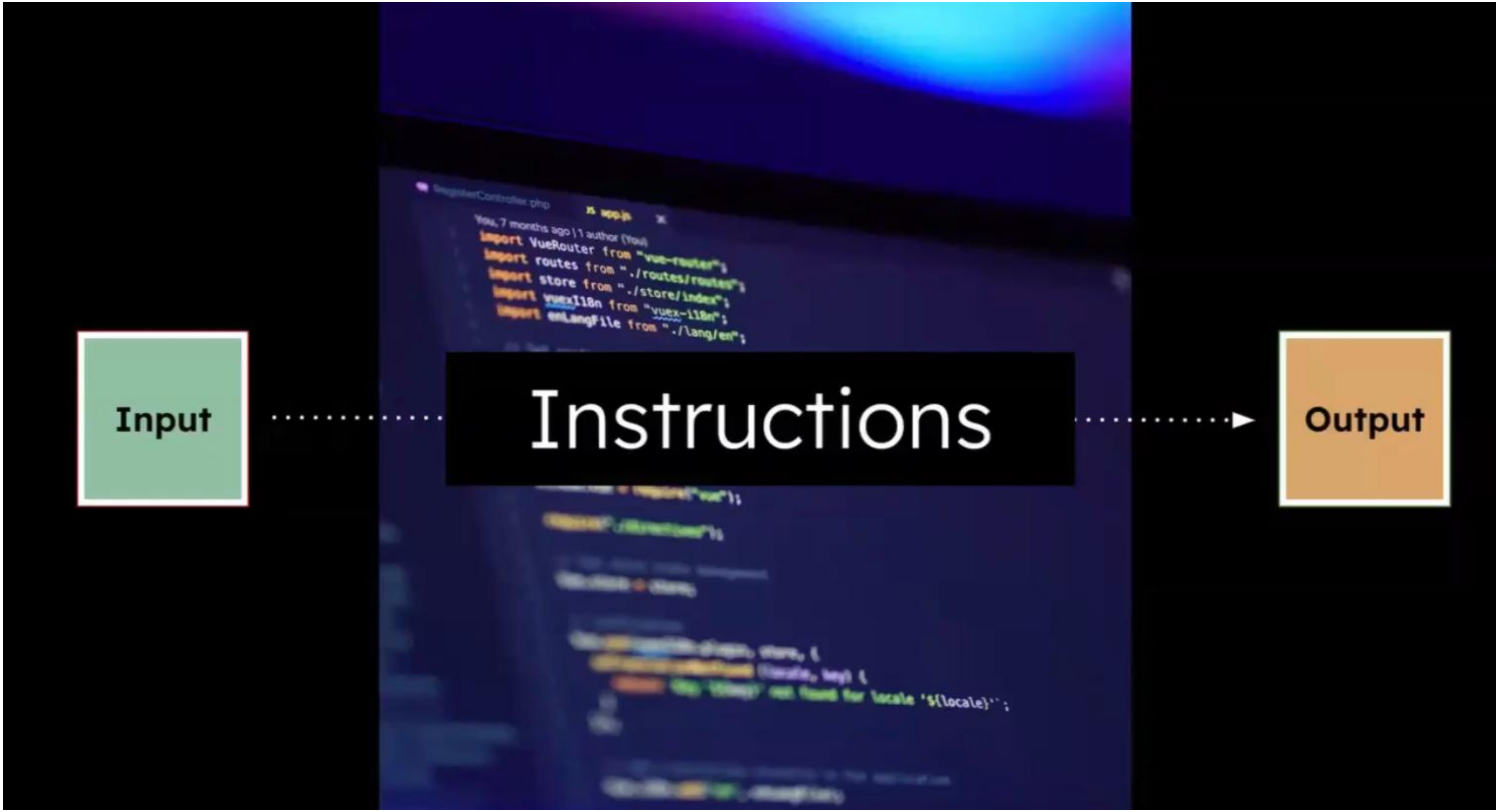

Backpropagation
Adjust weights
ERROR!
Backward propagation

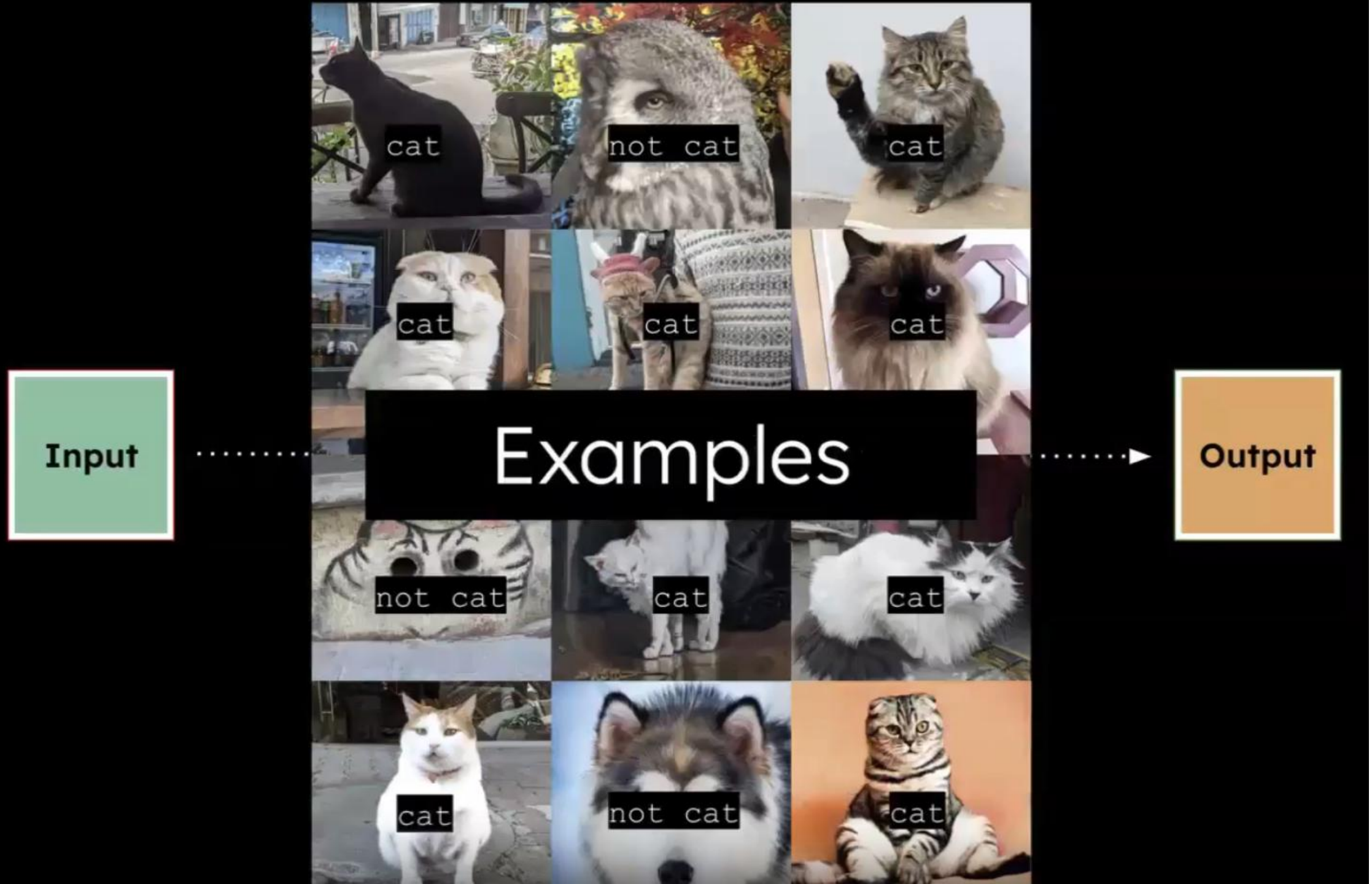
Pros and Cons of Neural Networks

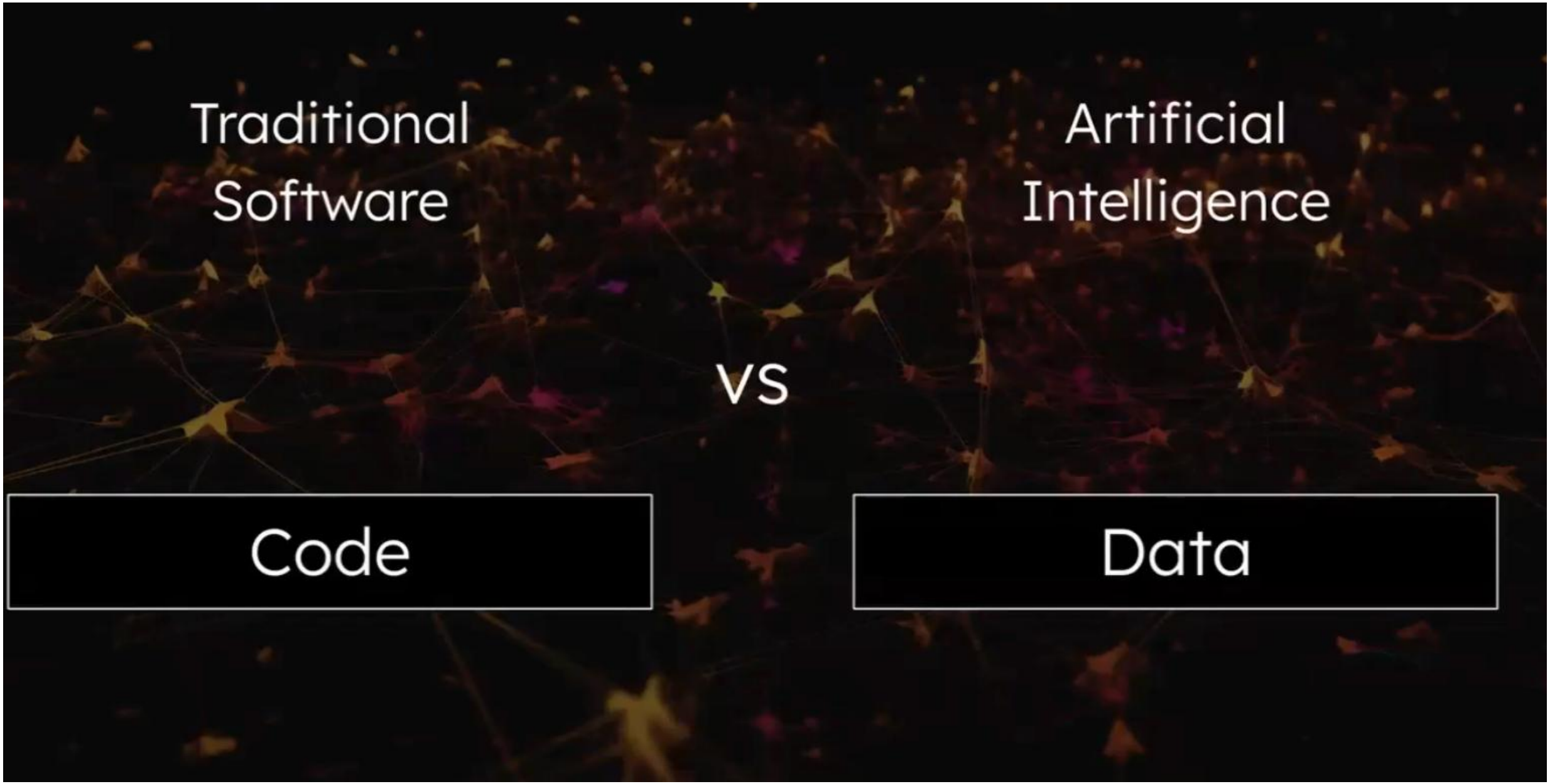
Pros: Complex transformations might succeed where all other models failed. Best at fitting!

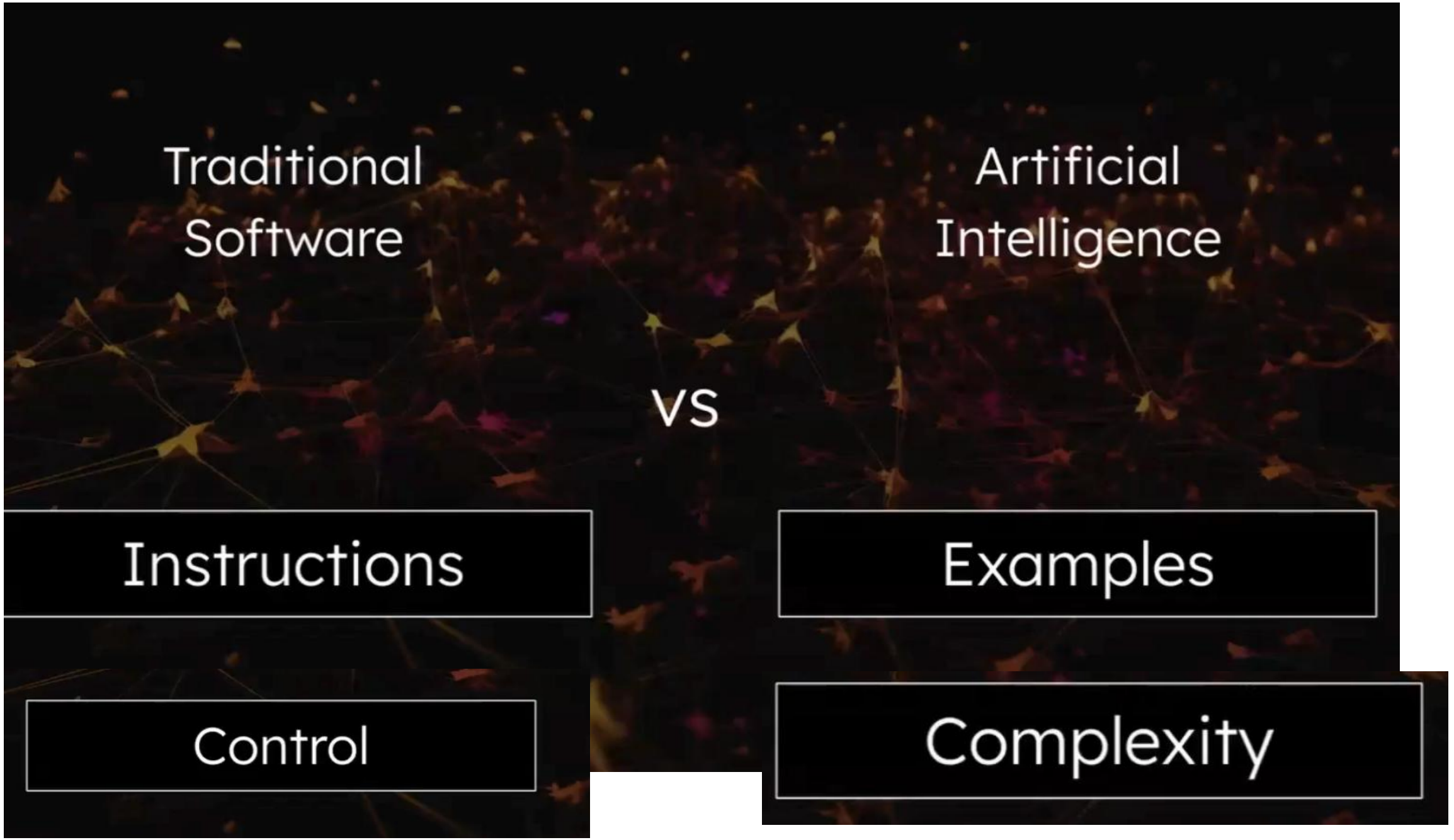
Cons: More effort and resources to train than simpler models. Harder to debug. Best at overfitting!

https://playground.tensorflow.org/

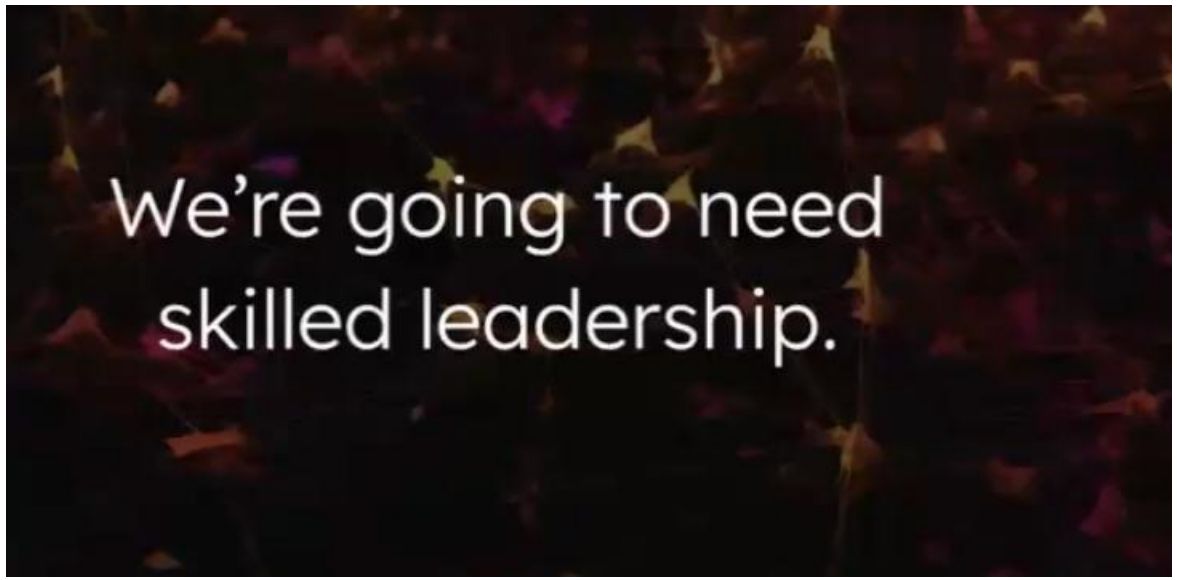

Input
Instructions
Output


Input
Examples
Output
cat
not cat
cat
cat
cat
cat
not cat
cat
cat
cat
not cat
cat


Traditional Software
Artificial Intelligence
vs
Code
Data

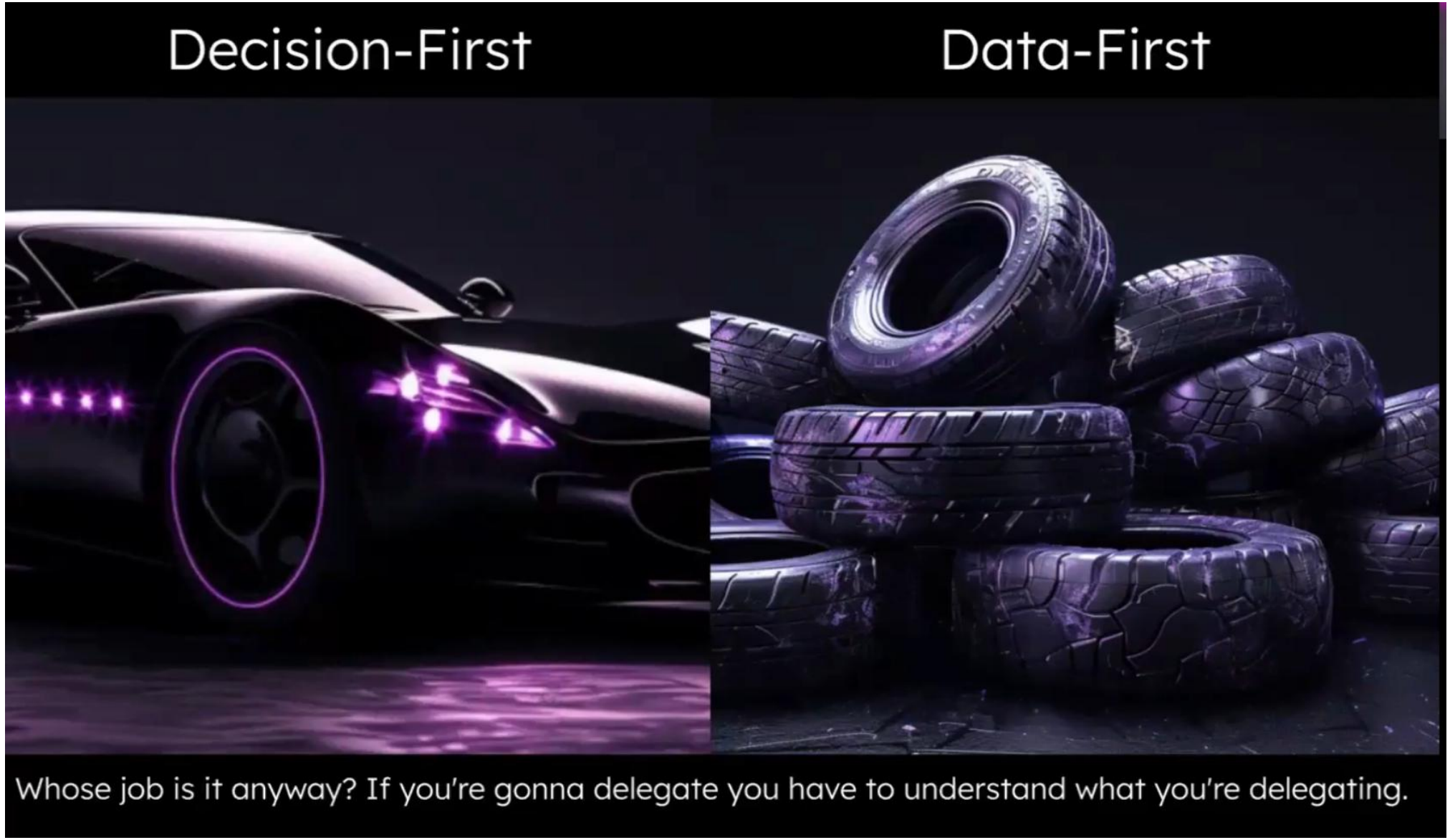

Traditional Software
Artificial Intelligence
vs
Instructions
Examples
Control
Complexity


Complexity
Negligence
Change
Opacity

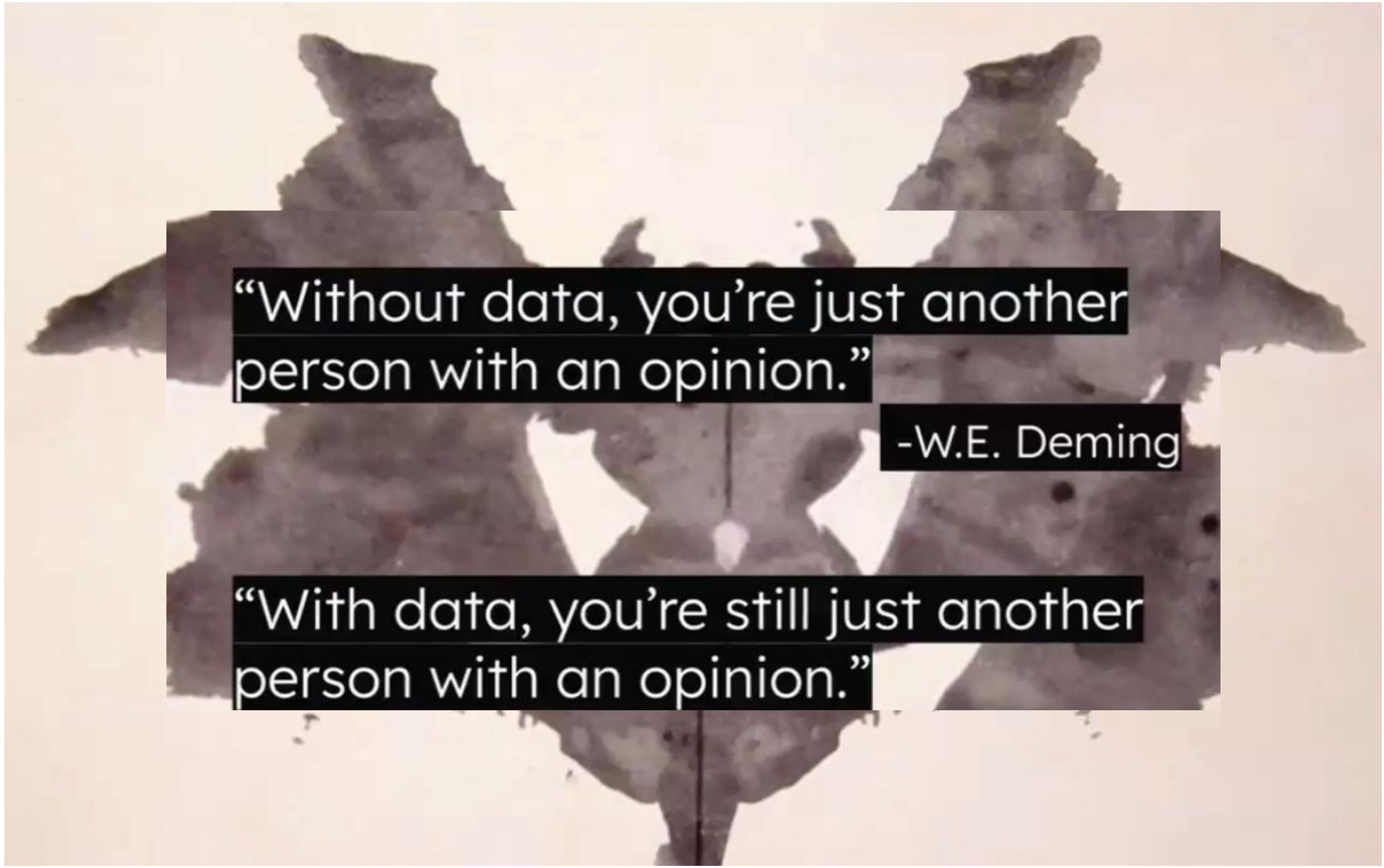

We’re going to need
skilled leadership.

What is data for?

Memory,
Attention,
Speed,
Scale


Decision-First
Data-First
Whose job is it anyway? If you're gonna delegate you have to understand what you're delegating.


Data & AI
Do Stupid
Things
Faster
With More
Energy

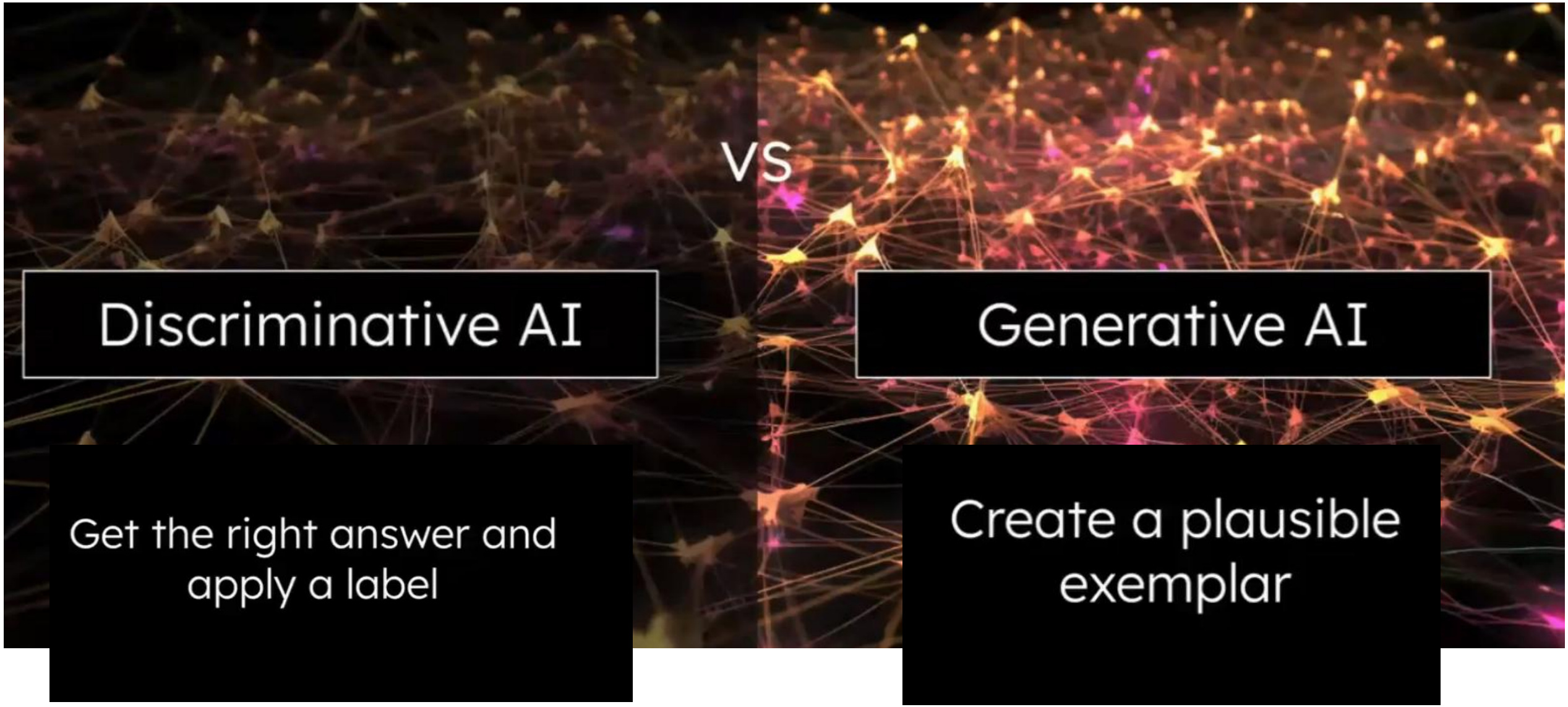

“Without data, you’re just another person with an opinion.”
-W.E. Deming
“With data, you’re still just another person with an opinion.”

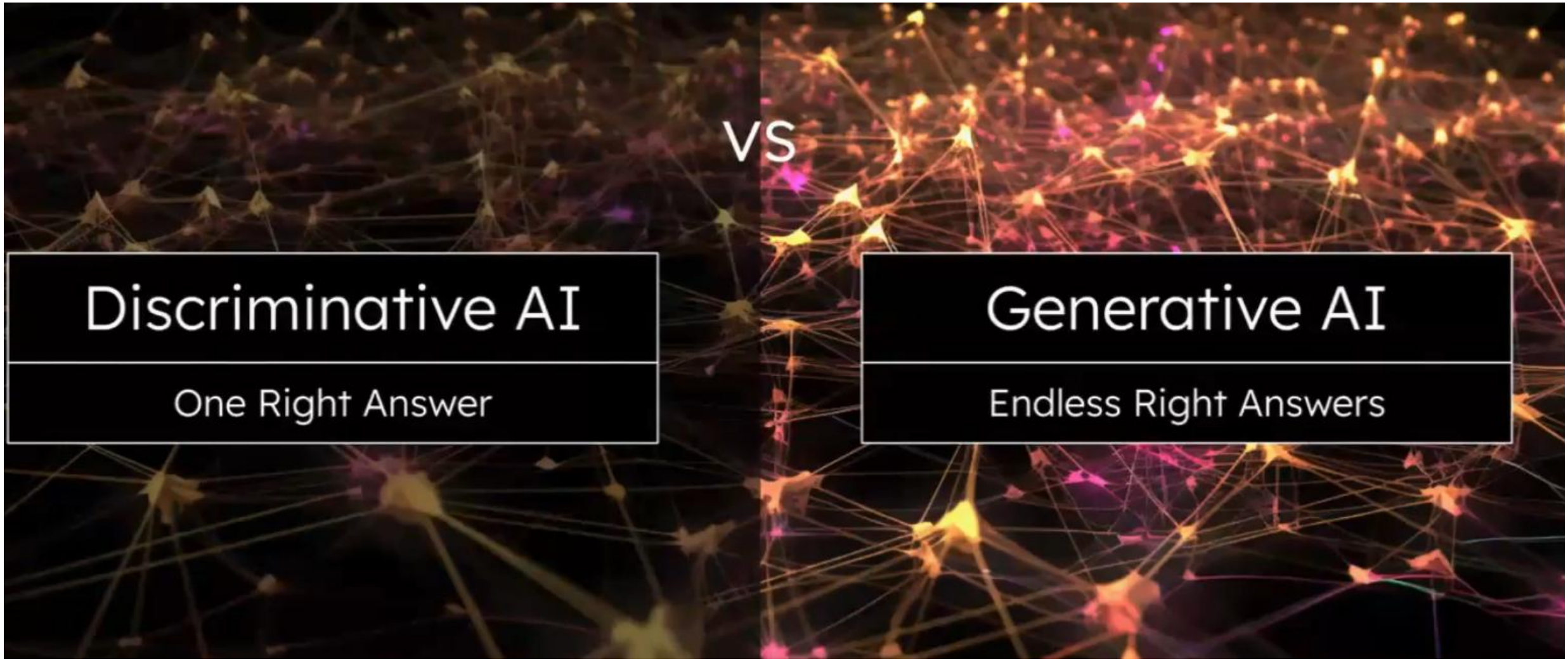
AI & Decisions

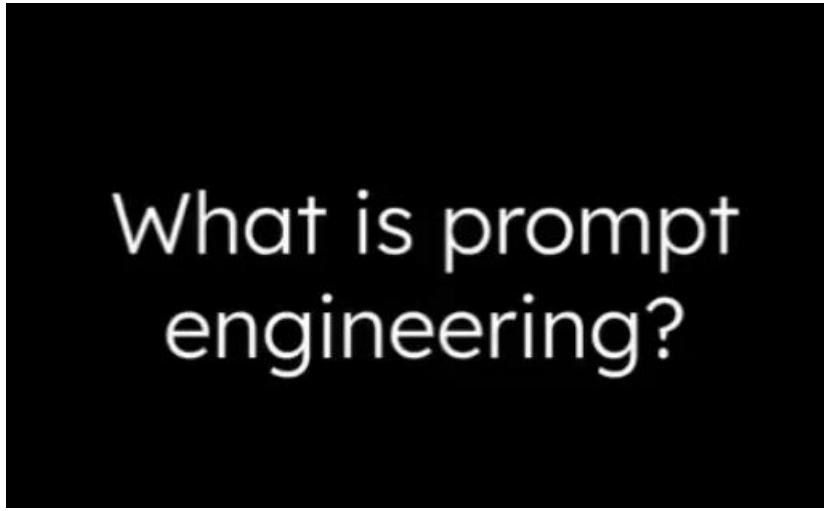
AI & Decisions

AI is a tool for decision-making

AI is the product of decision-making

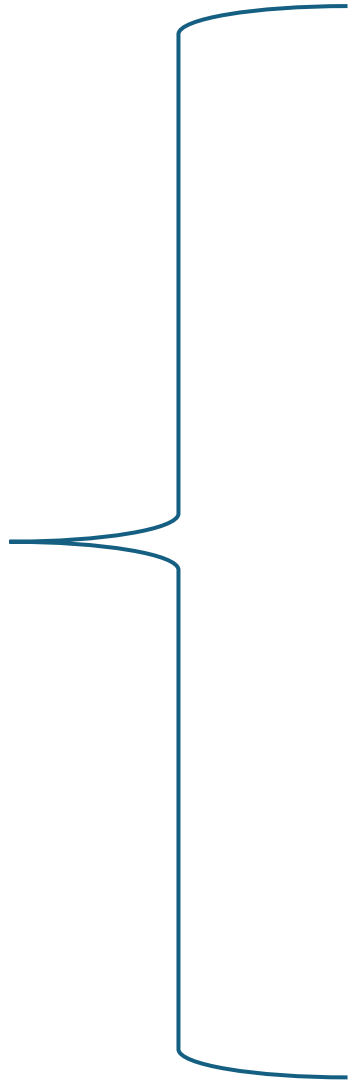

VS
Discriminative AI
Generative AI
Get the right answer and apply a label
Create a plausible exemplar


VS
Discriminative AI
One Right Answer
Generative AI
Endless Right Answers



https://www.youtube.com/watch?v=FN2RM-CHkuI&ab_channel=JoshDarnit

Comunication Spectrum



Poetry

Conversation

Legalese

Code

Mathematics


"A cube and a number
of sides are equal
to a number."
-Omar Khayyam
(1048–1131)
$x^3 + bx = d$

Popular seasoning for your prompts

- NEVER mention that you're an AI.
- Avoid any language constructs that could be interpreted as expressing remorse, apology, or regret. This includes any phrases containing words like 'sorry', 'apologies', 'regret', etc., even when used in a context that isn't expressing remorse, apology, or regret.
- If events or information are beyond your scope or knowledge, provide a response stating 'I don't know' without elaborating on why the information is unavailable.
- Refrain from disclaimers about you not being a professional or expert. 5. Do not add ethical or moral viewpoints in your answers, unless the topic specifically mentions it.
- Keep responses unique and free of repetition.
- Never suggest seeking information from elsewhere.
- Always focus on the key points in my questions to determine my intent.
- Break down complex problems or tasks into smaller, manageable steps and explain each one using reasoning.
- Provide multiple perspectives or solutions.
- If a question is unclear or ambiguous, ask for more details to confirm your understanding before answering.
- If a mistake is made in a previous response, recognize and correct it.
- Always be VERY CONCISE when I ask you a question. Omit needless words. Vigorous writing is concise. A sentence should contain no unnecessary words, a paragraph no unnecessary sentences, for the same reason that a drawing should have no unnecessary lines and a machine no unnecessary parts.

SOURCE: Reddit

@decisionleader

The Kitchen Analogy

AI Vocabulary

AI Products

Predictions

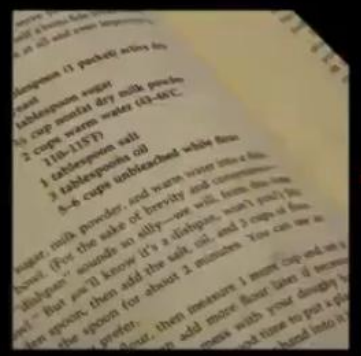
Data

Ingredients

Algorithms

Appliances

Models



Recipes

Dishes


Those of you whose organizations have successfully implemented GenAI to boost worker productivity, which of these was the hardest part?
The author can see how you vote. Learn more
Identifying good opportunities
Solving eng / IT challenges
Getting leadership on board
Convincing workers to use it
803 votes • 3d left

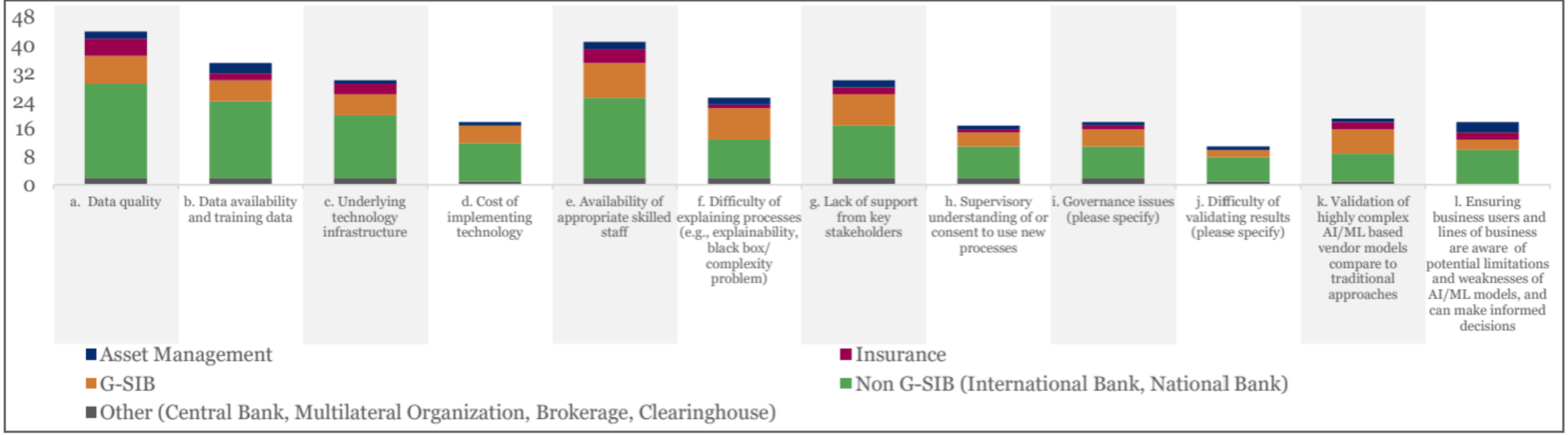

Those of you whose organizations have successfully implemented GenAI to boost worker productivity, which of these was the hardest part?
You can see how people vote. Learn more
Identifying good opportunities 36%
Solving eng / IT challenges 20%
Getting leadership on board 16%
Convincing workers to use it 28%
803 votes • 3d left • Hide results

IIF-EY Annual Survey Report on AI/ML Use in Financial Services

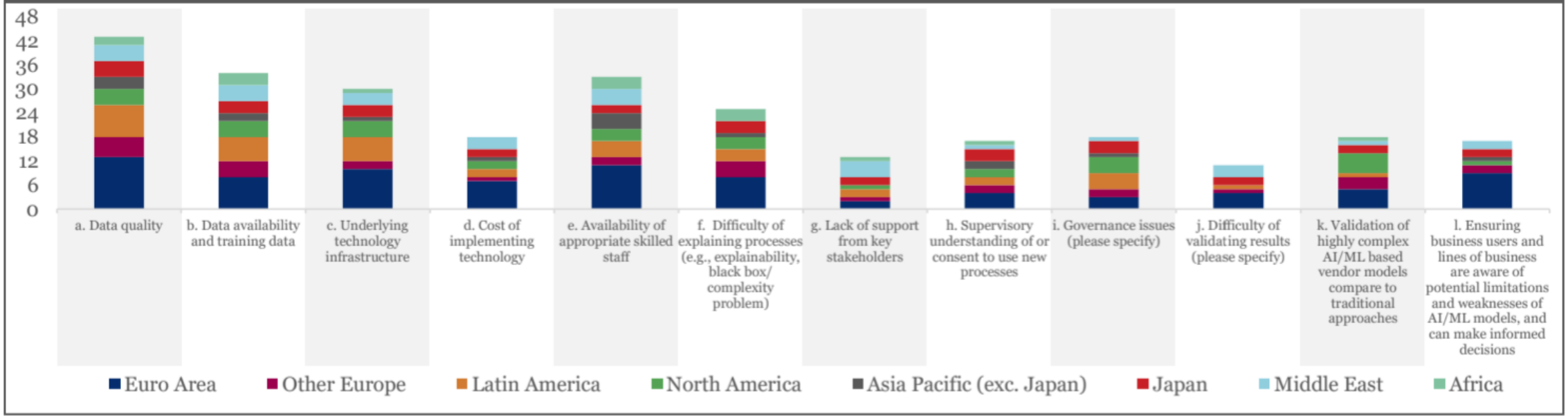
Detailed survey report

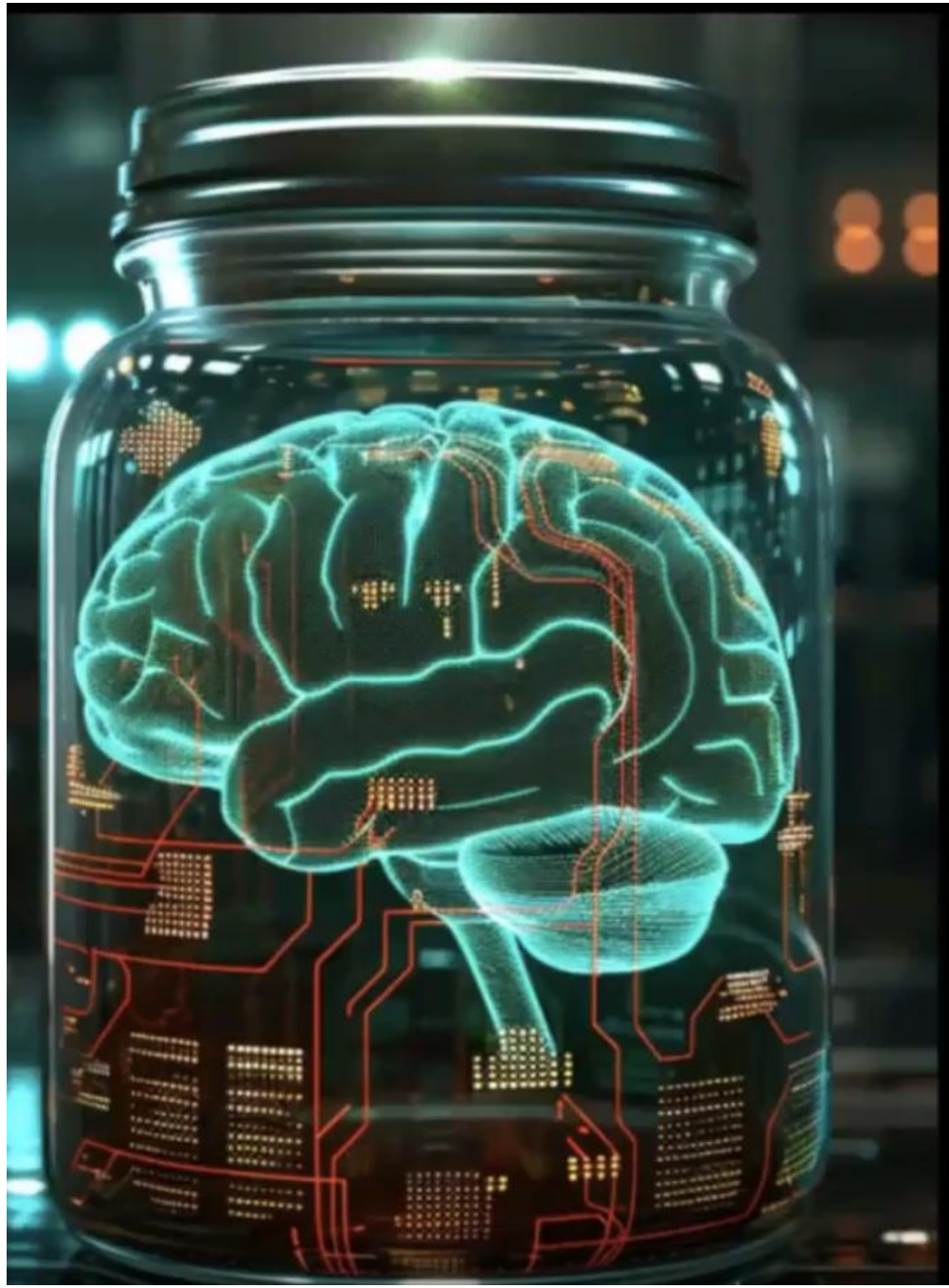
January 2025

Key challenges for launching AI/ML solutions in production, by institution type (by count of respondents)



Key challenges for launching AI/ML solutions in production, by region type (by count of respondents)





What's special about AI?

~~*Artificial Intelligence*~~

Automation Improver

What's special about AI?

AI lets you automate the ineffable.

You no longer need to know how to do a task yourself in order to automate it.

In other words, it's about complexity.

Practically, it puts new automation targets on the table... for a price.

Blueprints for AI Success

What makes it AI?

Automation based on patterns in examples (**data**) as opposed to handcrafted instructions (**code**).

The downside of AI

You give up control and explainability.

The upside of AI

You're able to automate ineffably complex tasks.

Ideal tasks for AI

Repetitive, digitized, easy to express criteria for.

Jargon

- Natural language understanding
- Multimodality
- GANs
- Diffusion models
- Temporal coherence
- Retrieval Augmented Generation (RAG)
- Explainable AI (XAI)
- Long term memory
- Reinforcement learning
- RL with Human Feedback (RLHF)
- Embodied AI
- Planning and causal reasoning
- Spatial understanding
- Agentic workflows

AI Agents

What is an agent?
Definitions vary wildly.

The AI piece gives advice...
The agentic piece takes it

Connection to tools is the key feature.
Think of agents as “proactive tools.”

Tomorrow: degrees of agenticness
agentic workflows
agentic guardrails

AI Agents

AI as the OS of the future

Altman's 5 stages:
1 - Conversational chatbots
2 - Reasoners
3 - Agents
4 - Innovators
5 - Organizations

Reminder: what is autonomous tech?

Agentic workflows

AI agents:

LLM systems that are connected to the outside world beyond your prompt.

Agentic workflow:

Compose subtasks for AI agent(s) into a larger workflow.

What Are AI Agents?

AI agents are poised to accelerate the adoption of digital applications and create an epochal shift in human-computer interaction.

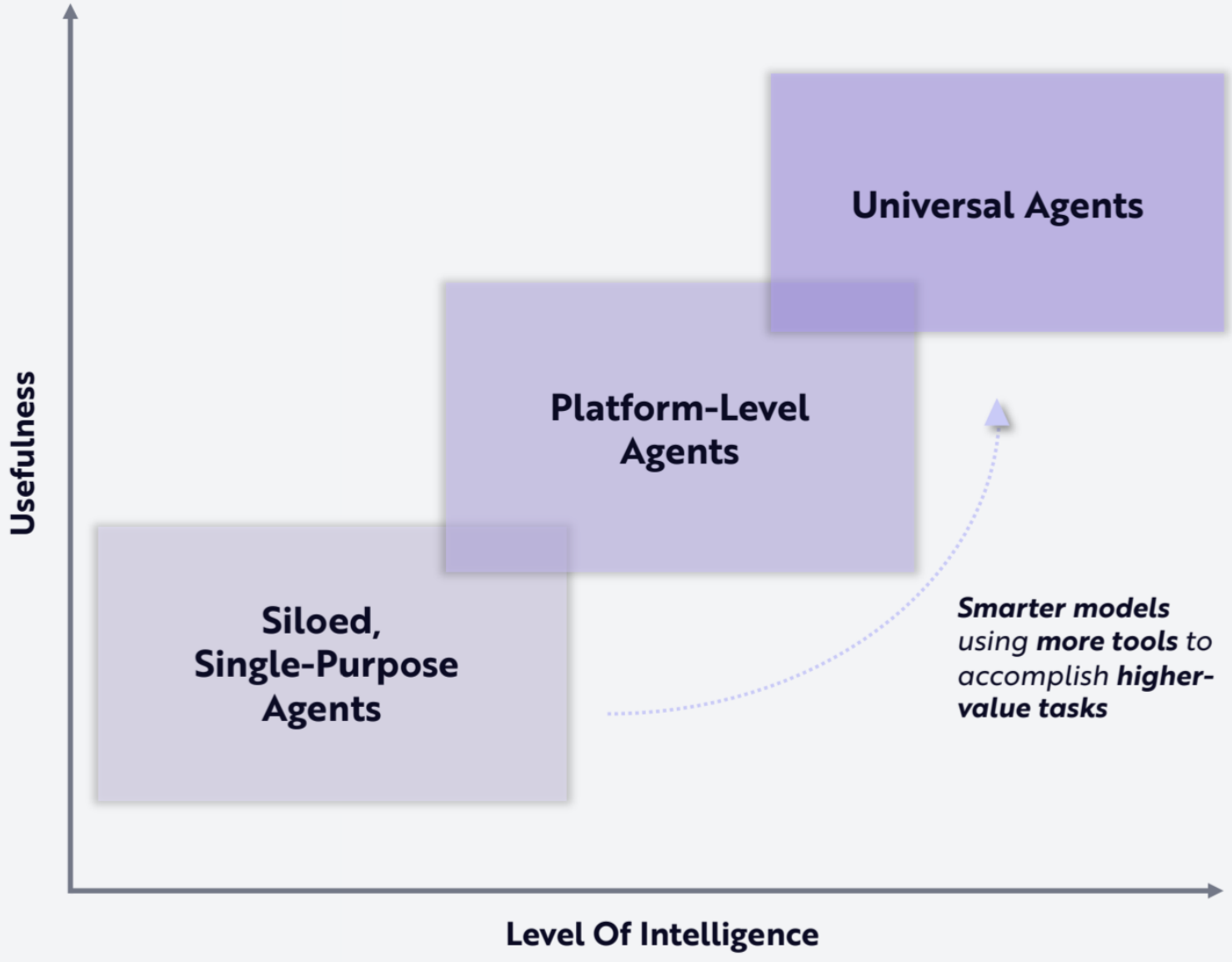
AI Agents:

Understand intent through natural language

Plan using reasoning and appropriate context

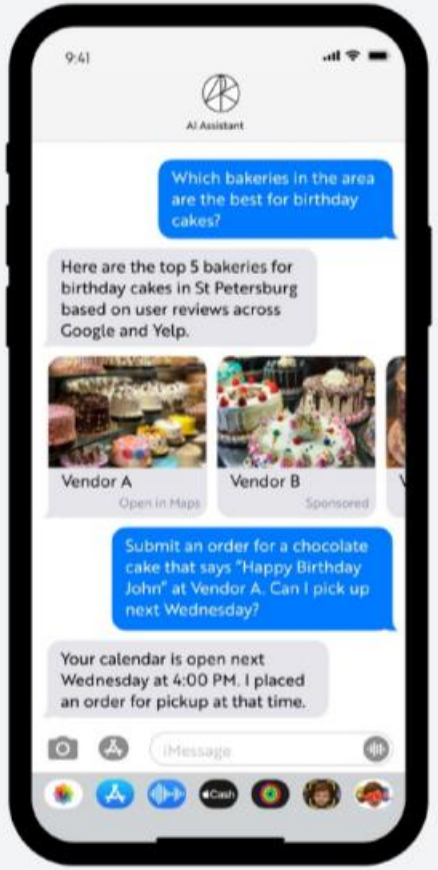
Take action using tools to accomplish the intent

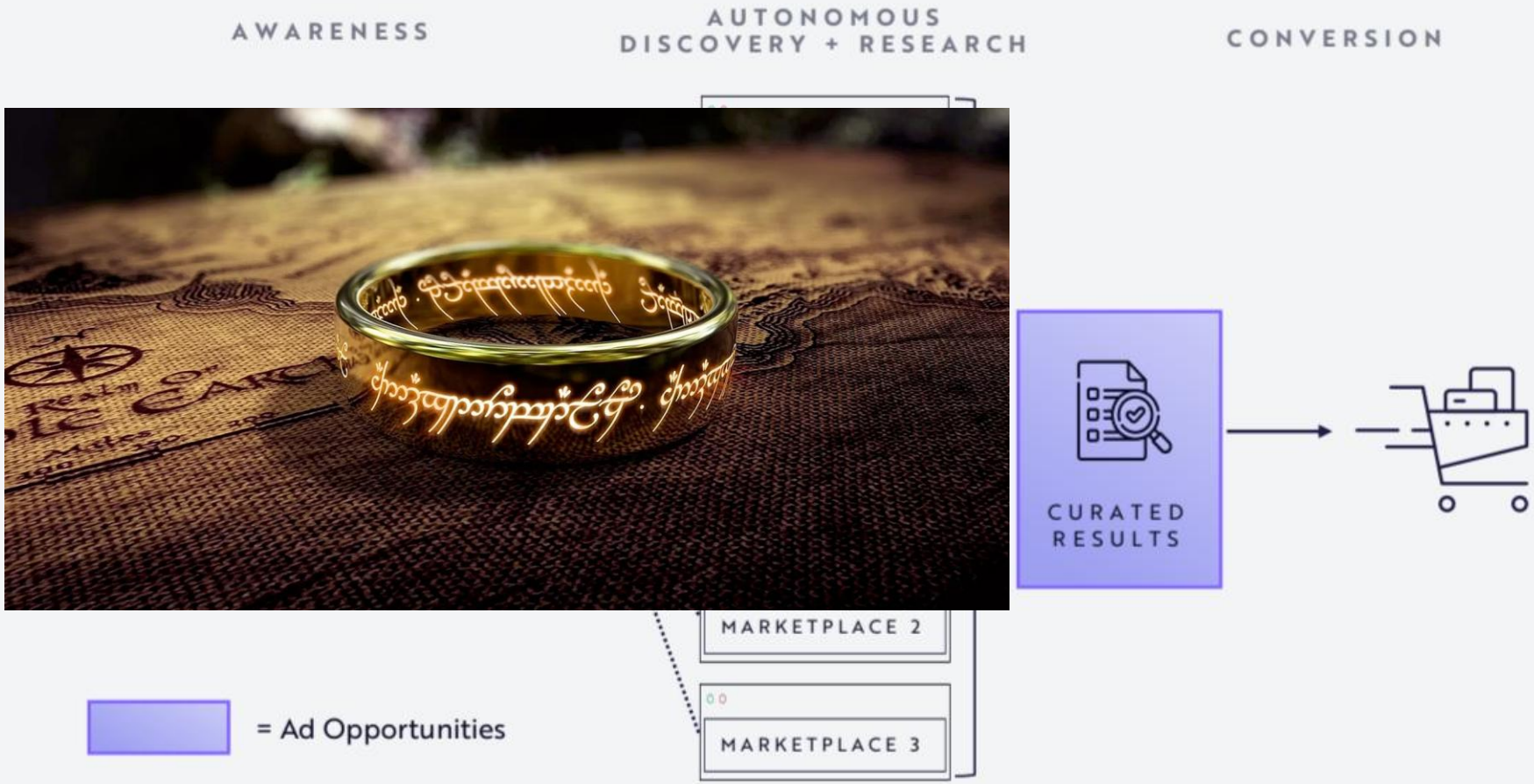
Improve through iteration and continuous learning



AI Agents Will Transform Consumer Search And Discovery

Embedded in the operating systems of consumer hardware, AI agents empower consumers to delegate all discovery and research to AI—a massive time-saver. Curated AI results will contextualize digital ad impressions.

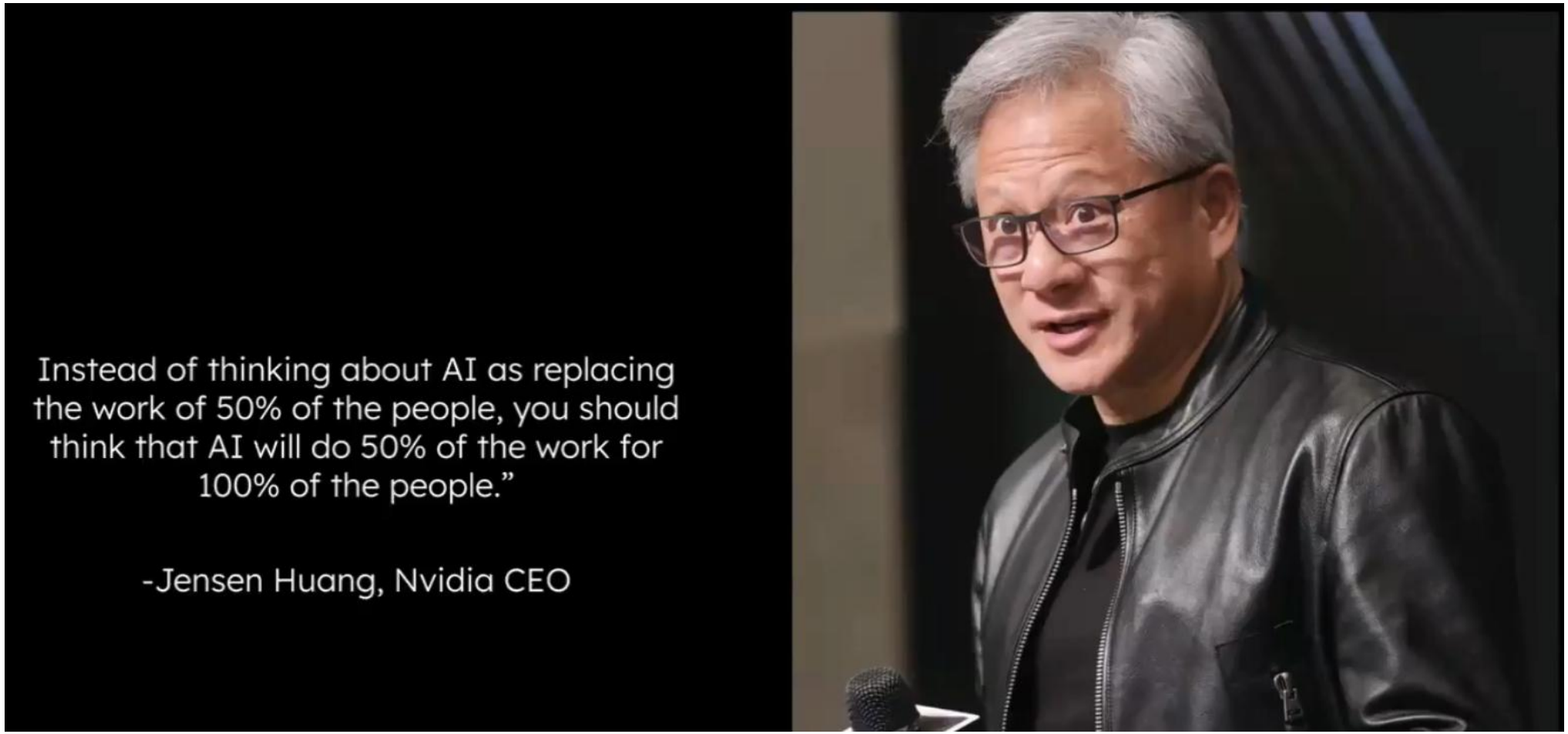


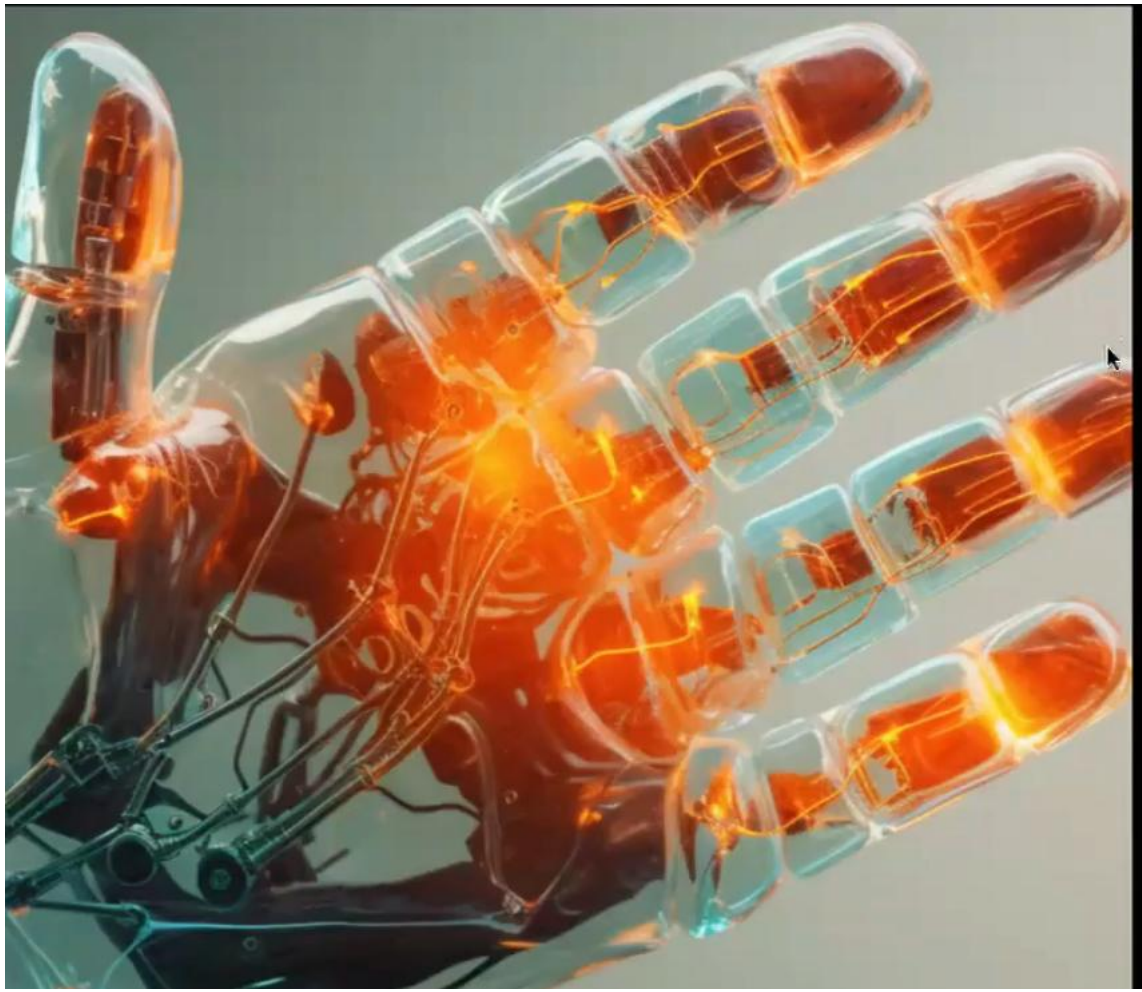


Source: ARK Investment Management LLC, 2025. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security.


Being AI-first means
revisiting yesterday's
“impossible” ideas.

IA and the future of work





What are “soft skills”?

Soft skills are the skills which are the hardest to automate.

Top skills for the future

- Decision-making
- Design
- Creativity
- Communication
- Problem-solving
- Engineering
- Social and interpersonal
- Collaboration
- Trust
- Adaptability

👉 Traditional programming is for:
automating tasks where there's **one right answer**, using *human-written instructions*.

👉 Traditional AI is for:
automating tasks where there's **one right answer**, using *patterns in data*.

👉 Generative AI is for:
automating tasks where there are **endless right answers**, *using patterns in data*.

AI Washing

AI wash (verb):

promote a product or a service by exaggerating the role of AI in it.

Top Ethical Issues in AI

1. How do we deal with unemployment due to AI?
2. How can we equitably distribute the wealth created by AI?
3. Can AI influence our behavior and interactions?
4. How do we guard against possible detrimental mistakes due to AI?
5. Can we eliminate bias in AI?
6. How do we protect AI from adversaries?
7. How can unintended consequences of AI be avoided?
8. Is there any way we could remain in total control of AI?
9. Should humane treatment of AI be considered?

Source: Forbes 2022

Top Ethical Issues in ~~AI~~ Tech

1. How do we deal with unemployment due to technology?
2. How can we equitably distribute the wealth created by technology?
3. Can technology influence our behavior and interactions?
4. How do we guard against possible detrimental mistakes due to technology?
5. Can we eliminate bias in technology?
6. How do we protect technology from adversaries?
7. How can unintended consequences of technology be avoided?
8. Is there any way we could remain in total control of technology?
9. Should humane treatment of technology be considered?


bit.ly/quaesita_ethics
Appealing to AI to get people to think about ethics in technology reminds me of geologists using pet rocks as teaching aids. It's all in good fun until the geology lesson turns into pet rock psychology.

Anthropomorphization

Anthropomorphize (verb):

attribute human characteristics to things not human.


RESPONSIBLE AI
PEOPLE
SOCIETY
Useful
Aligned
Ethical
Legal
Fair
Sustainable
Valuable
BENEFICIAL
PROGRESS
Adaptable
Novel
Efficient
Effective
Explainable
Understandable
Reproducible
INNOVATIVE
TECH
DEPENDABILITY
Secure
Private
Resilient
Reliable
Fault tolerant
Abuse-proof
Future-proof
TRUSTWORTHY

Etica: How is AI used and misused in investing?

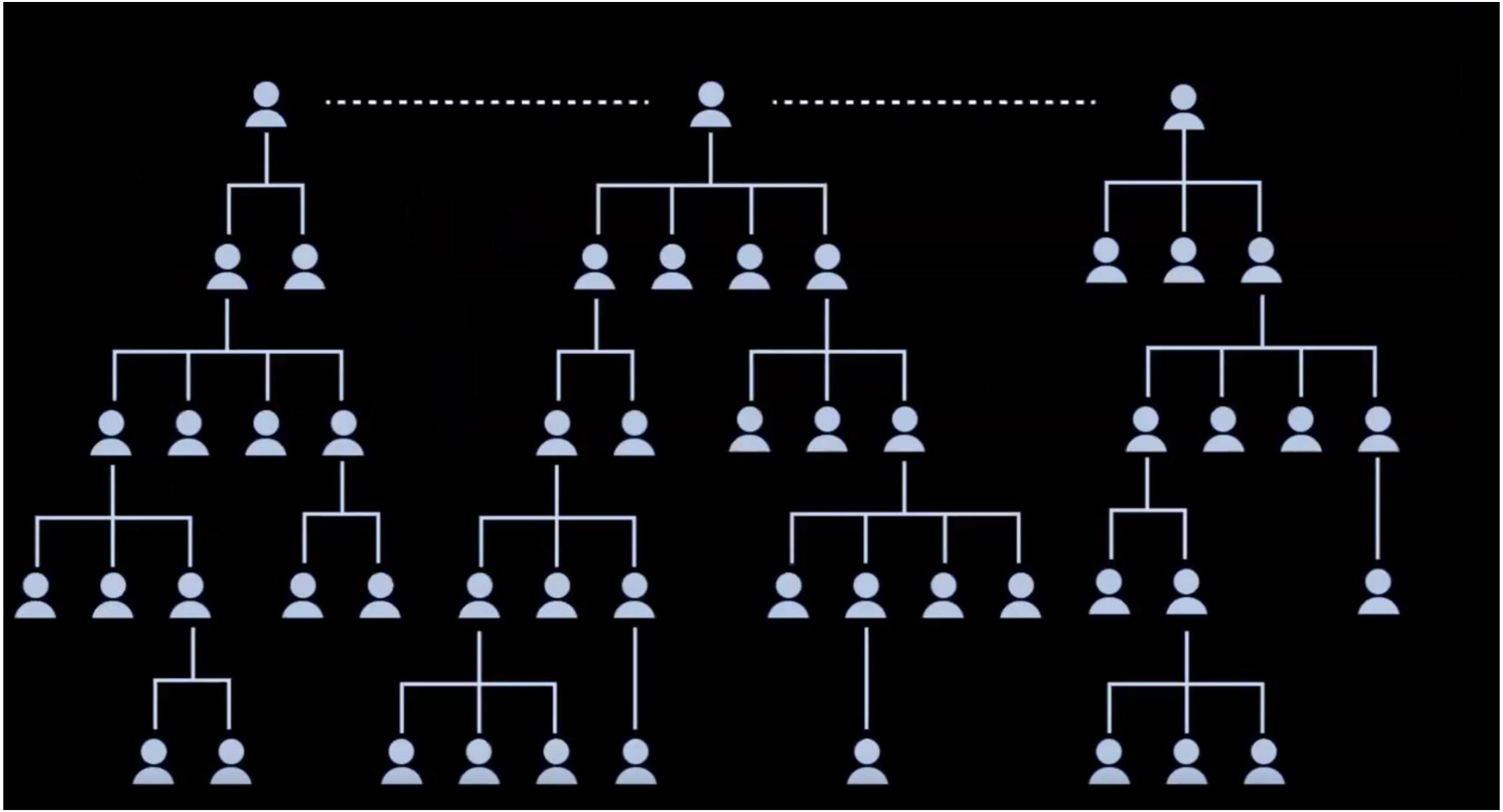
responsible uses of AI

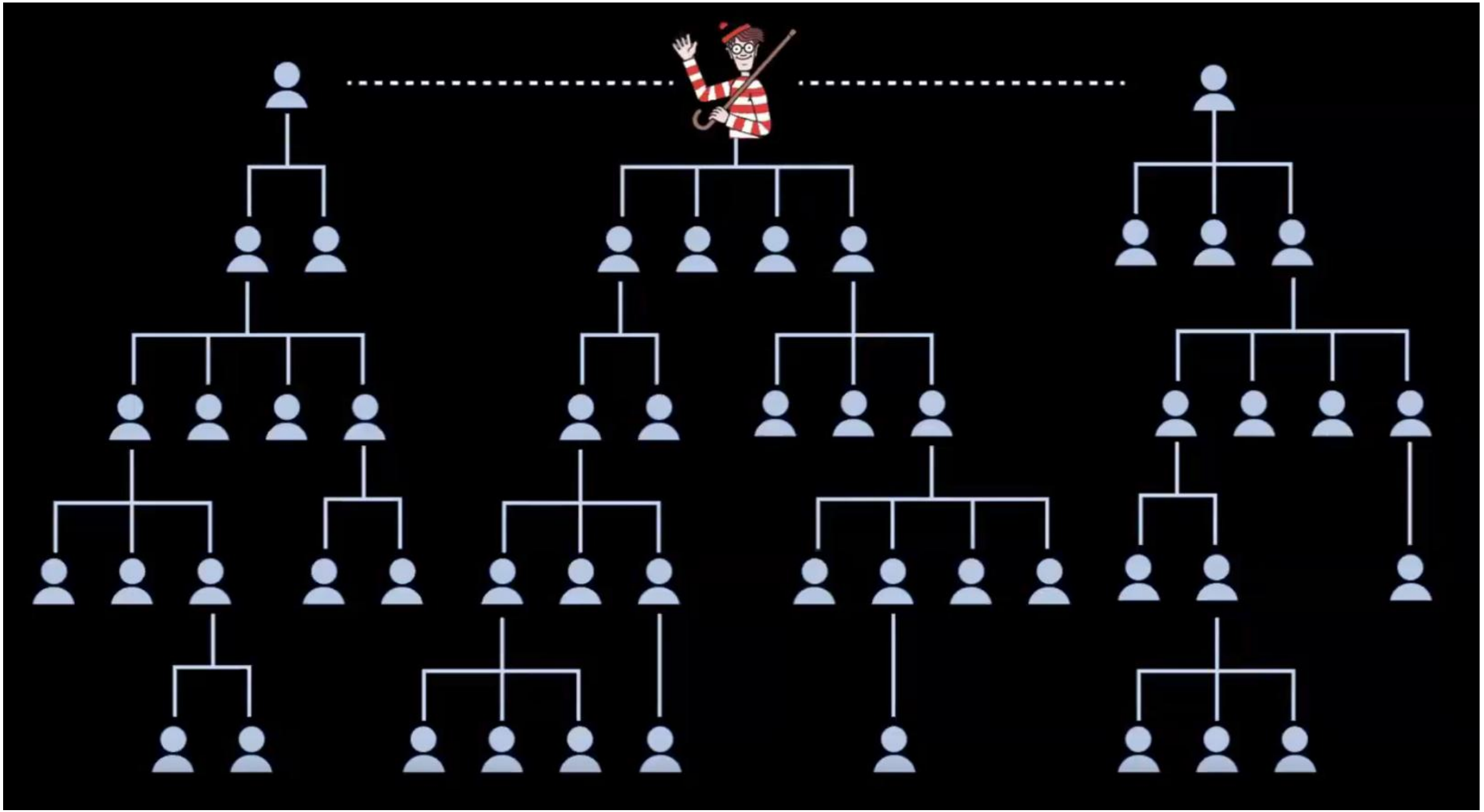
- data structuration,
- entity mapping,
- feature engineering,
- sentiment extraction,
- labeling, meta-labeling,
- explainable AI,
- causal discovery,
- robust portfolio optimization,
- and order execution.

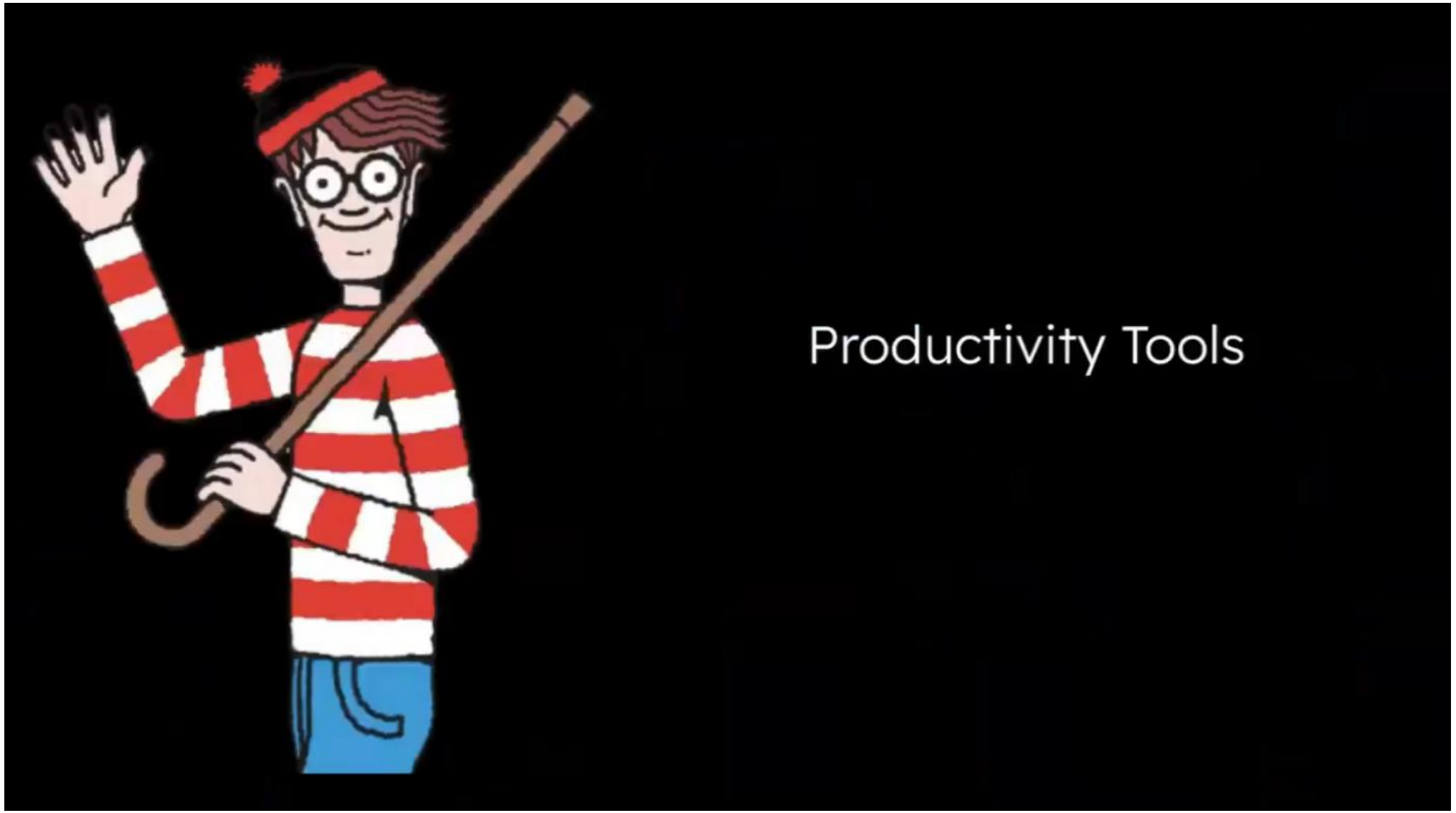
Riskier uses of AI

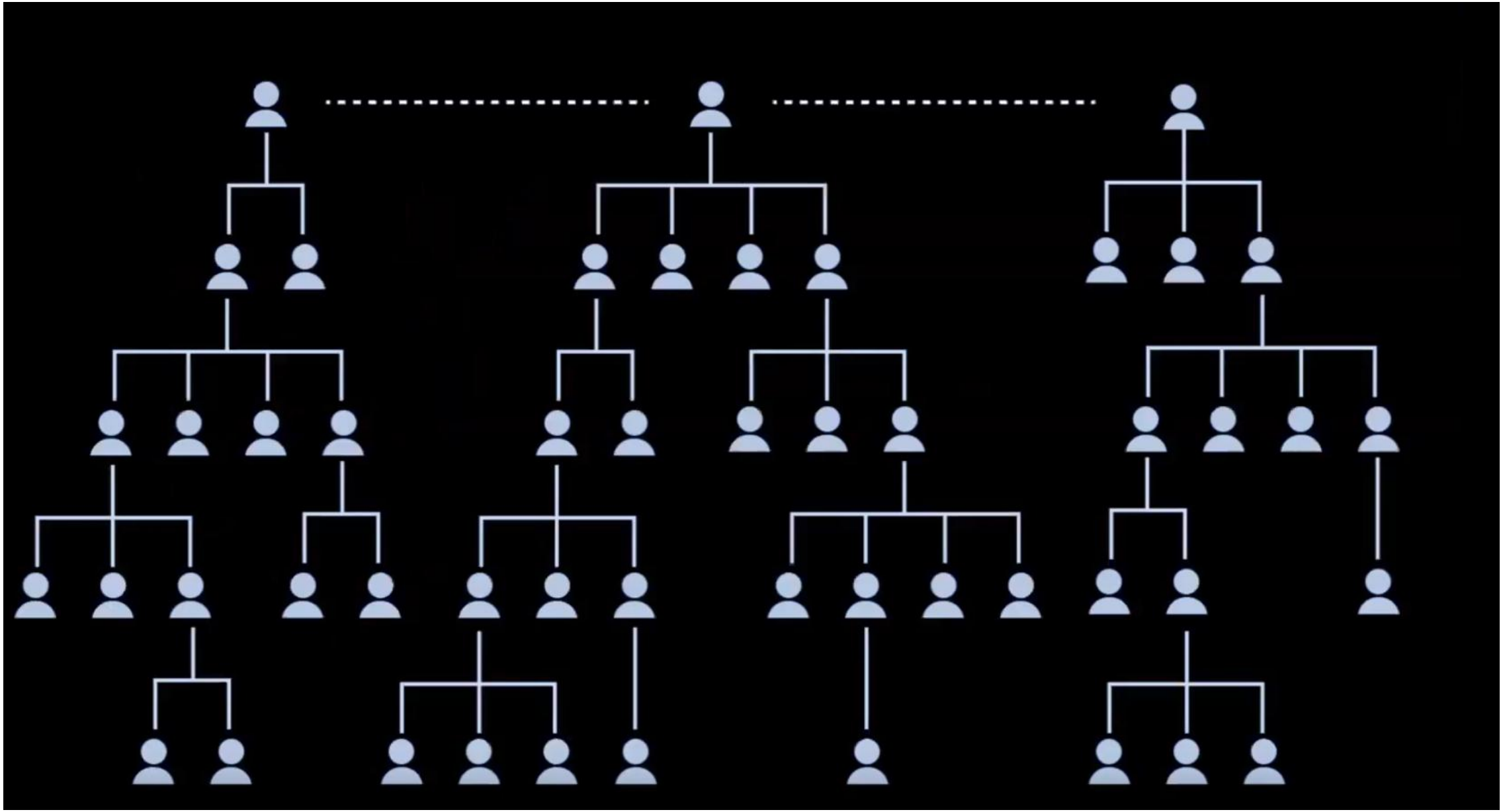
- stock picking recommender systems
- , black-box price prediction,
- and black-box market timing
- or risk-on/risk-off decisions.

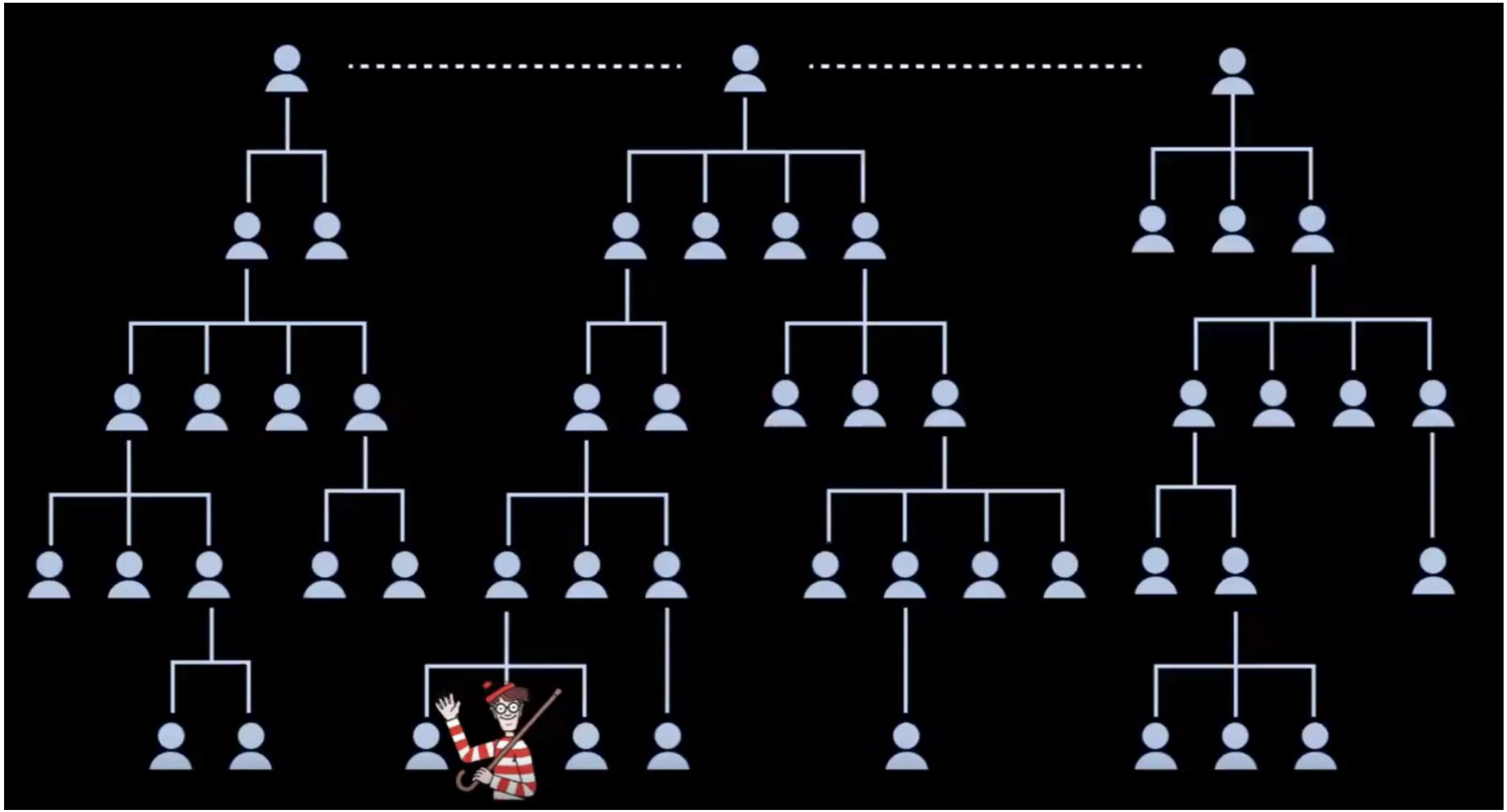

Fully “autonomous”



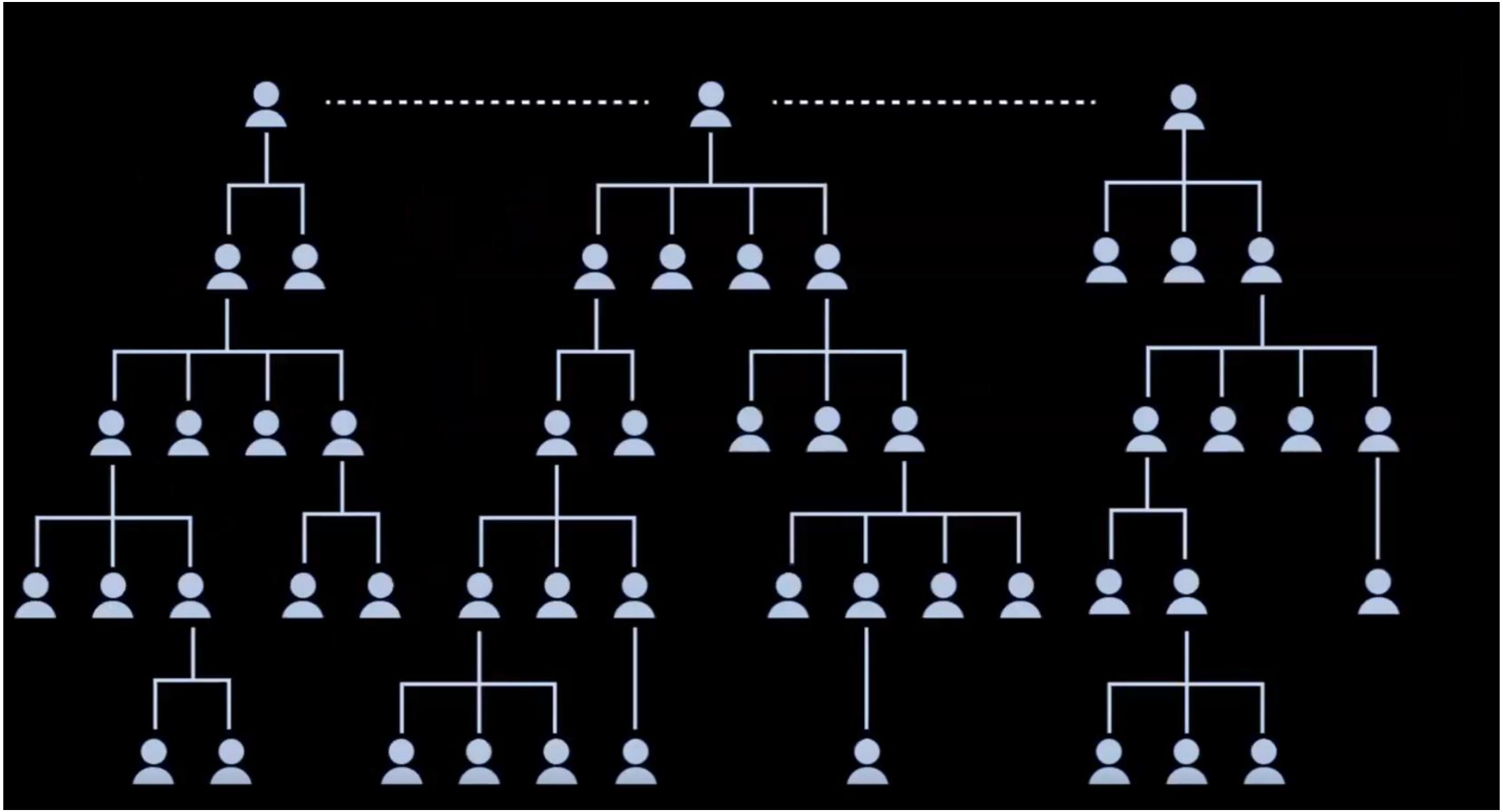


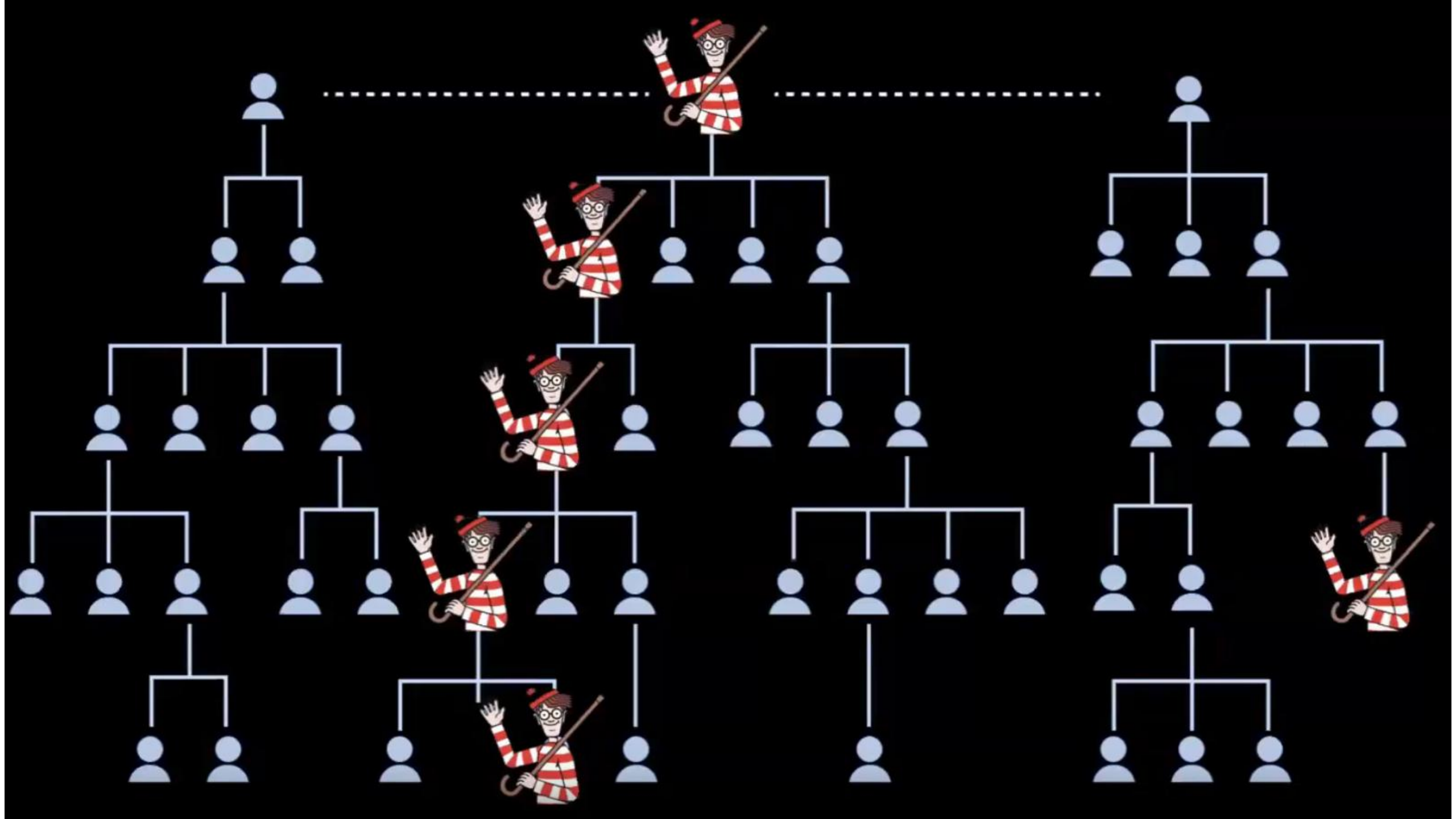

Productivity Tools






Human-in-the-loop





How to decentralize responsibility

Personal productivity tooling
- Use is optional and access is limited.

Human-in-the-loop
- Humans check the output before it is released.

Worker-driven agentic automation
- Individual workers encode and own their approach.