

Why LLM will Change the Business

LINER

LLM으로 인해 변화하는 비즈니스

Why?

Chapter 1.

LLM의 본질적 특성에 대한 이해

LLM === 생성형 AI?

LLM === 생성형 AI

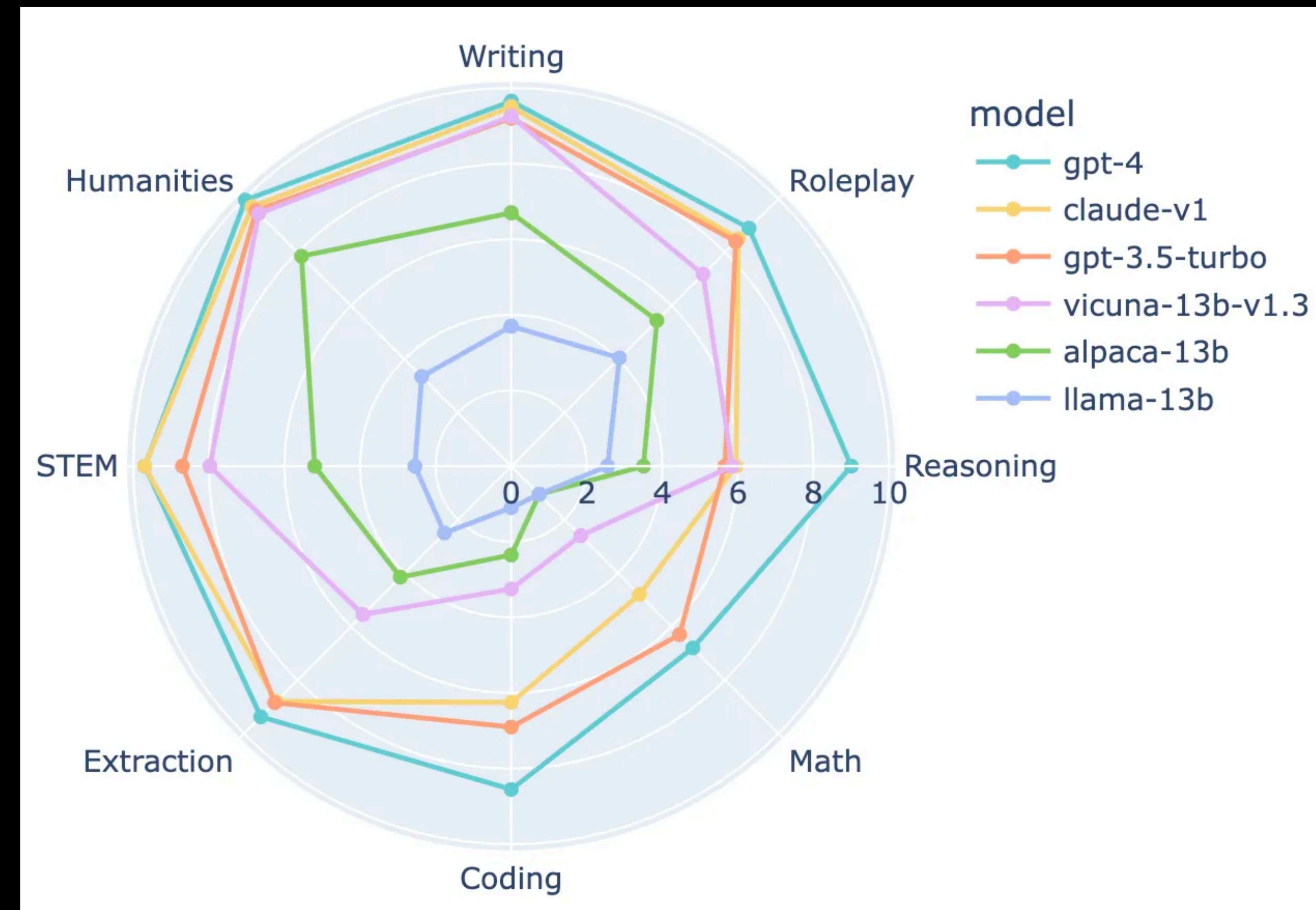
is False

LLM === 생성형 AI ? 언어 생성 모델 : (...)

LLM의 다재다능(Versatile)한
역량을 과소평가하게 된다.

LLM === 생성형 AI ? 언어 생성 모델 : General Problem Solver

LLM은 인류가 발견한 General Problem Solver



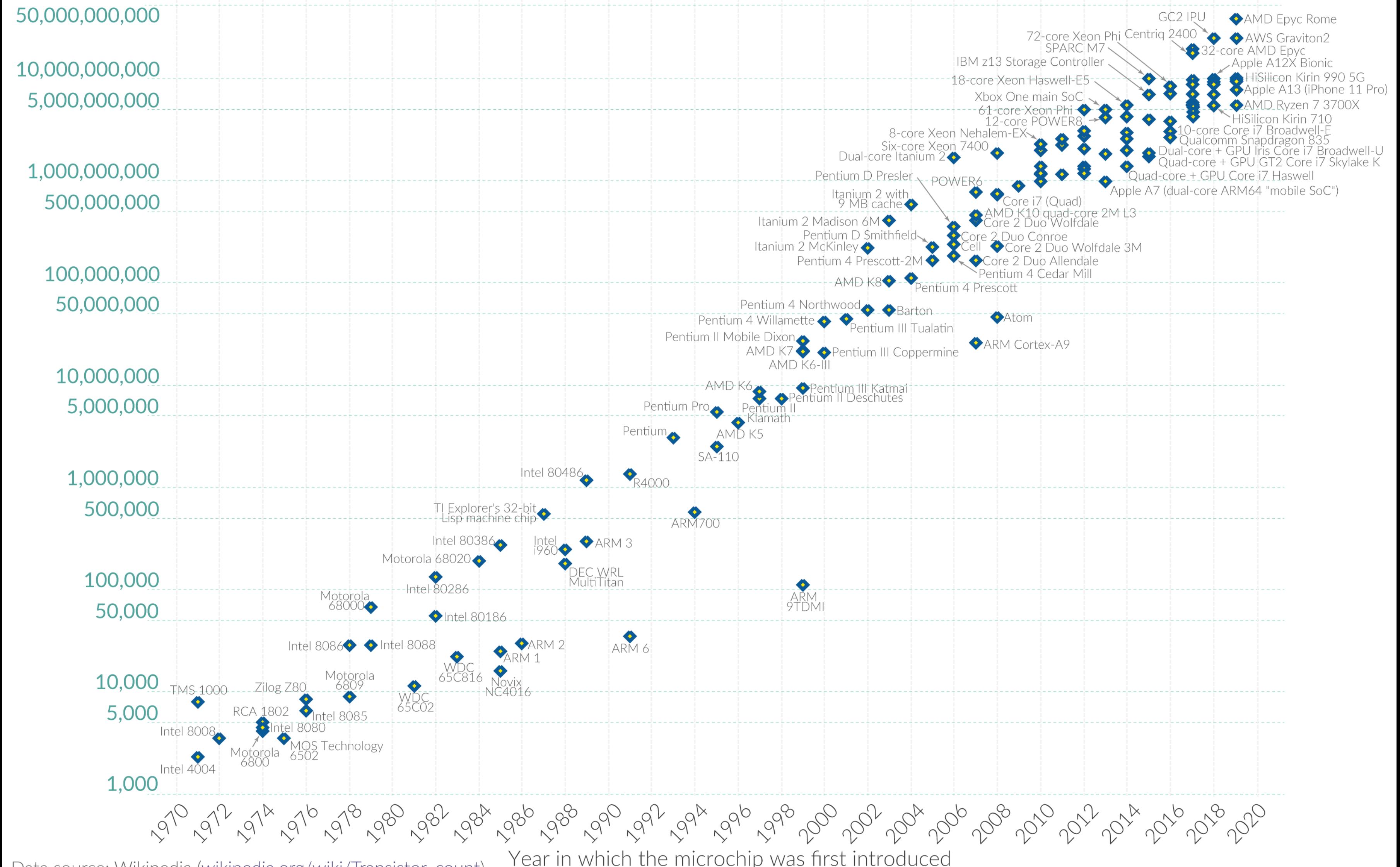
LLM은 인류가 발견한
민주화된 최초의
General Problem Solver이다.

민주화?

Moore's Law: The number of transistors on microchips doubles every two years

Moore's law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important for other aspects of technological progress in computing – such as processing speed or the price of computers.

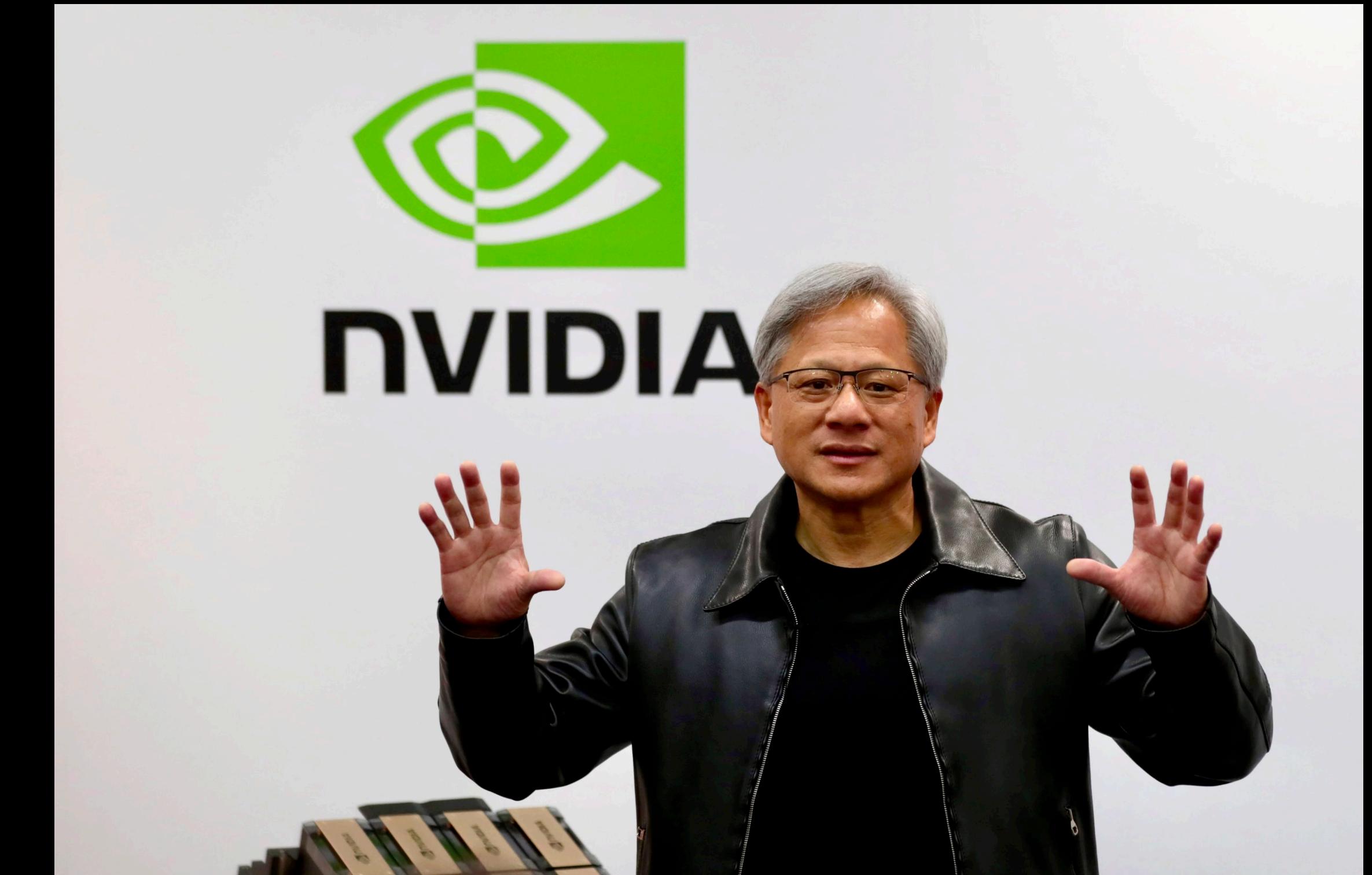
Transistor count



Data source: Wikipedia ([wikipedia.org/wiki/Transistor_count](https://en.wikipedia.org/wiki/Transistor_count))

OurWorldInData.org – Research and data to make progress against the world's largest problems.

Licensed under CC-BY by the authors Hannah Ritchie and Max Roser.



COMPUTATIONAL POWER

AI PROCESSING SPEED (PETAFLOP/S-DAYS)



LLM의 단위 퍼포먼스 당 가격은

장기적으로 ₩0에 가까워진다.

Chapter 2.

LLM이 사업에 미칠 영향

General Problem Solver



Holistic Solution이라는 새로운 비즈니스 방법론

기존의 비즈니스 방법론

→ 뾰족한 버티컬을 뚫는다.



Week

 Share ↑A
Sort More

- jilleduffy ▾
-
-
- Inbox 2
- Assigned to me 3
- Starred 3
- Today 4
- Week 7
- Household ... ▾
 - Family Chores 3
 - Shopping List 9
 - Collaborative Book Project
- Podcast Team To-Dos 3
- Personal ... ▾
 - Personal To Dos

- TODAY, JULY 11
- orange juice Shopping List
 - dog food, dry for big dog Shopping List
 - dog food, wet Shopping List
 - draft Wunderlist article Work To-Dos
- SATURDAY, JULY 13
- mop kitchen Family Chores
 - wash sheets and towels Family Chores
- SUNDAY, JULY 14
- grocery shopping Family Chores

Week

TODAY, JULY 11

- orange juice Shopping List
- dog food, dry for big dog Shopping List
- dog food, wet Shopping List
- draft Wunderlist article Work To-Dos

SATURDAY, JULY 13

- mop kitchen Family Chores
- wash sheets and towels Family Chores

SUNDAY, JULY 14

- grocery shopping Family Chores

Share **Sort** **More**

KIN

Eventbrite hello@kin.today all-day

Events I'm attending

Events I'm organizing

Facebook Yann DT-Person Events I'm attending

Google hello@kin.today

Google android@comingthis.fall

Kin is awesome

Yann Person

https://www.captaintrain...

Google ios@coming.soon

Yann Person

Meetup Yann Person

Trello Yann Person

iOS

API

Process: QA

today **<** **>**

Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4	Fri 8/5
6am 6:00 - Sun rises all-day	8:00 - Sun rises all-day	8:00 - Sun rises all-day		WFH
7am				
8am				
9am 9:30 - 11:00 Goodbye Sunrise			10:00 - 12:00 Product Hunt!	
10am				
11am				
12pm		12:00 - 1:00 Coffee and PMs Meeting	12:30 - 1:30 Discuter le futur des calendriers	
1pm 1:00 - 2:00 Food@work				
2pm			2:30 - 3:30 ITW PM Marine	
3pm				
4pm 4:00 - 5:00 Techcrunch call				
5pm				
6pm			8:00 - 9:00 The Next Web	
7pm		7:00 - 8:00 Shoes - Bestak		
8pm 8:00 - 11:00 Launch night			9:00 - 10:25 ORY -> NCE	
9pm				
10pm				

Wunderlist (Top Left):

The Wunderlist interface shows a week view for 'jilleduffy'. The sidebar includes categories like Inbox, Assigned to me, Starred, Today, Week, Household, Family Chores, Shopping List, Collaborative Book Project, Podcast Team To-Dos, and Personal.

- TODAY, JULY 11:**
 - orange juice (Shopping List)
 - dog food, dry for big dog (Shopping List)
 - dog food, wet (Shopping List)
 - draft Wunderlist article (Work To-Dos)
- SATURDAY, JULY 13:**
 - mop kitchen (Family Chores)
 - wash sheets and towels (Family Chores)
- SUNDAY, JULY 14:**
 - grocery shopping (Family Chores)

Kin (Top Right):

A calendar view for the week of July 8-14, 2014. The sidebar lists various calendar sources and filters.

Day	Mon 8/1	Tue 8/2	Wed 8/3	Thu 8/4	Fri 8/5
all-day	6am - Sun rises	6am - Sun rises	6am - Sun rises		
7am					
8am					
9am	9:30 - 11:00 Goodbye Sunrise				
10am	10am - 12:00 Product Hunt!				
11am					
12pm		12:00 - 1:00 Coffee and PMs Meeting			
1pm	1pm - 2:00 Food@work		12:30 - 1:30 Discuter le futur des calendriers		
2pm				2:30 - 3:30 ITW PM Marine	
3pm					
4pm	4:00 - 5:00 Techcrunch call				
5pm					
6pm				6:00 - 7:00 The Next Web	
7pm			7:00 - 8:00 Shoes - Bestak		
8pm	8:00 - 11:00 Launch night				9:00 - 10:25 ORY -> NCE
9pm					

Trello (Bottom Left):

The Trello board titled 'The Taco Truck' has three main columns: To Do, Doing, and Done.

- To Do:**
 - Source seafood
 - Source produce (Order due Apr 24)
 - Truck tune-up
 - Train staff on POS
 - Staffing schedule
 - Finalize the menu
 - Manhattan launch
- Doing:**
 - Truck signage (Due Mar 24)
 - Menu testing (Due Apr 24)
 - Plan beverages (Order due Apr 24)
 - Brooklyn launch (Due May 14)
- Done:**
 - File permit paperwork
 - Finalize insurance (Due Jan 27)

A large image of a taco truck preparation scene is displayed at the bottom of the board.

Top Left: Wunderlist

The Wunderlist interface shows a 'Week' view for July 11-14. Tasks include:

- TODAY, JULY. 11: orange juice, dog food, dry for big dog, dog food, wet, draft Wunderlist article.
- SATURDAY, JULY. 13: mop kitchen, wash sheets and towels.
- SUNDAY, JULY. 14: grocery shopping.

Top Right: Kin

A calendar view from July 8 to 15, 2020, showing events like "Goodbye Sunrise", "Product Hunt!", "Food@work", "Coffee and PMs Meeting", "Techcrunch call", and "The Next Web".

Middle Left: Trello

The Trello board for "The Taco Truck" has three lists: To Do, Doing, and Done. Key cards include:

- To Do: Source seafood, Source produce, Truck tune-up, Train staff on POS.
- Doing: Truck signage, Menu testing, File permit paperwork, Finalize insurance.
- Done: Plan beverages, Brooklyn launch, Manhattan launch.

Middle Right: Confluence

A sidebar menu for a space titled "Benefits and Perks" includes:

- People Home
- Overview
- Blog
- Calendars
- Space Settings
- SPACE SHORTCUTS
- Pages
- Benefits and Perks

Bottom Left: Confluence

A detailed view of the "Benefits and Perks" page, which includes sections for Benefits, Paid Time Off, and Holidays.

Bottom Right: Confluence

Details from the "Paid Time Off" section:

We encourage employees to take time away from work. Relax, recharge and take some time for yourself and your family! We have two policies, depending on your exemption status. Check with your manager or HR People Partner if you are unsure about your status.

Check out the US - Paid Time Off for Non-Exempt Employees for details on vacation, sick time and floating holidays. For exempt employees, check out the US - Paid Time Off for Exempt Employees for details on using Vacay Your Way and sick time.

See the US - Leave of Absence Policy if you would be on leave of absence due to medical, family, military or jury needs for more than 5 consecutive days, or an extended personal leave.

See our Holidays page to see the holiday schedule for all our office locations.

This composite screenshot illustrates a workflow ecosystem across multiple platforms:

- Left Column (Vertical Navigation):** A sidebar menu on the left lists categories like **Inbox**, **Assigned to me**, **Starred**, **Today**, **Week**, **Household** (with **Family Chores** and **Shopping List** sub-items), **Collaborative Book Project**, **Podcast Team To-Dos**, and **Personal**.
- Middle Left (Trello Board):** A Trello board titled "The Taco Truck" shows a "To Do" list with cards for "Source seafood", "Menu testing", "Finalize insurance", and "Train staff on POS".
- Middle Center (Asana Gantt Chart):** A Gantt chart displays project timelines for "Sprints" (Sprint 1, Sprint 2, Sprint 3) and "Releases" (Beta 1.0, Beta 2.0). Tasks under "FLY-1 App basics" and "FLY-2 Basic trip booking" are tracked.
- Top Center (Kin Calendar):** A calendar for the week of July 8, 2020, shows events like "Goodbye Sunrise", "Product Hunt!", "Food@work", "Coffee and PMs Meeting", "Discuter le futur des calendriers", "Techcrunch call", "ITW PM Marine", and "The Next Web".
- Bottom Right (Benefits and Perks):** A "Benefits and Perks" page lists perks such as "Holidays", "Paid time off", "Medical, Dental, Vision", "401K", "Learning and Development", "Workplace Experience", "Talent Acquisition", and "Policies and Programs". It also includes sections for "Benefits", "Paid Time Off", and "Leave of Absence Policy".

This image is a collage of screenshots from several productivity and management tools, illustrating a variety of work-related applications:

- Top Left:** A screenshot of a calendar application showing a "Week" view for July 11. It includes sections for "TODAY, JULY 11", "Shopping List" items like "orange juice" and "dog food, dry for big dog", and a detailed "Sprints" and "Releases" board for a project named "FLY".
- Top Right:** A screenshot of a calendar application titled "KIN" showing a weekly schedule from Monday to Friday. Events include "Goodbye Sunrise", "Product Hunt!", "Kin integrations", and "Focus".
- Middle Left:** A screenshot of a Kanban-style task board titled "The Taco Truck". It shows columns for "To Do", "Source seafood", "Menu testing", "Finalize insurance", and "Order". Tasks include "Source produce" and "Plan beverages".
- Middle Right:** A screenshot of a desktop application window titled "An Offline, Desktop App for WorkFlowy". It displays a presentation slide about the app's features and its development story.
- Bottom Left:** A screenshot of a mobile application interface showing a meal preparation scene with a frying pan, bowl, and ingredients. It includes a "Nice!" button at the bottom.
- Bottom Right:** A screenshot of a company intranet page with a sidebar menu and a main content area displaying a list of policies and programs.

그런데,

제품 개발이 쉬워졌다.

그러면 무슨 일이 일어나는가?



All-in-one workspace

One tool for your whole team. Write, plan, and get organized.

Enter your email...

Sign up

For teams & individuals — web, mobile, Mac, Windows.

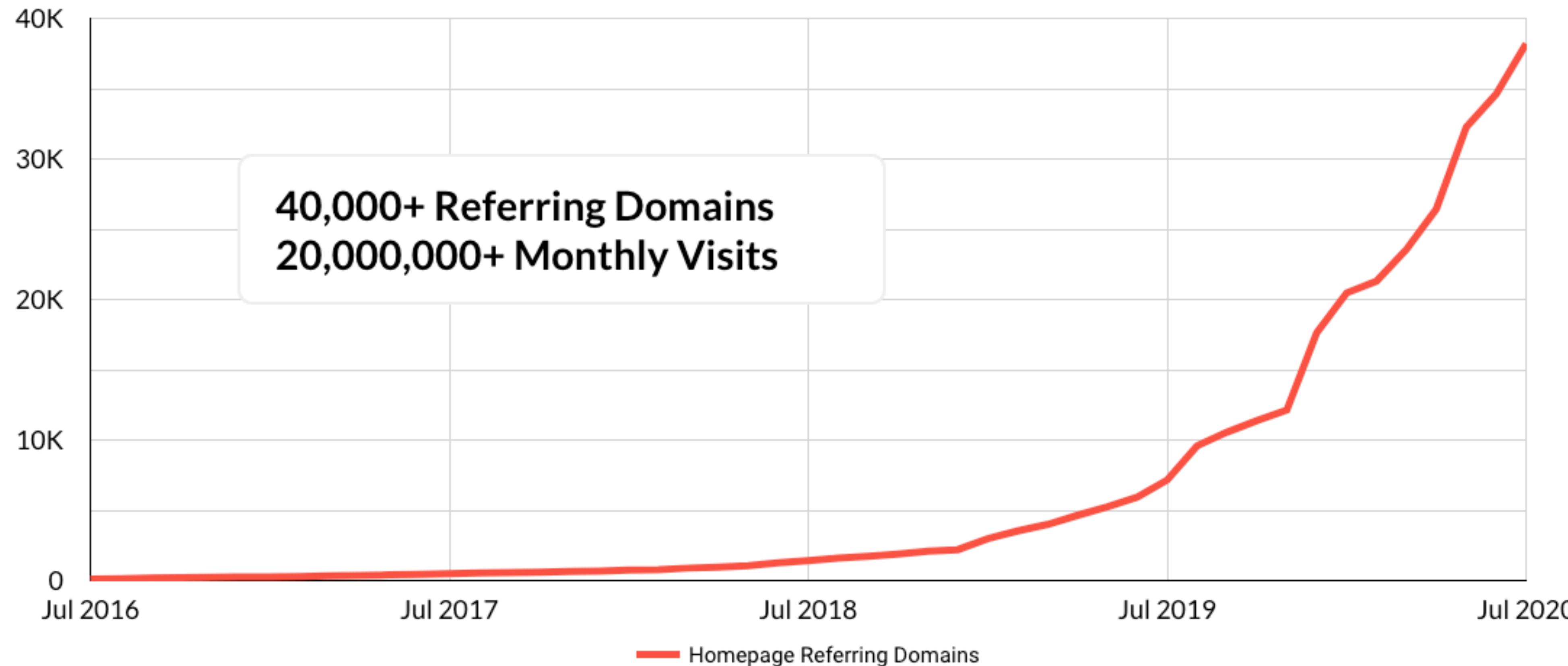
The screenshot illustrates the Notion platform's integrated workspace features. At the top, there are tabs for 'Team wiki', 'Projects & tasks' (which is currently selected), and 'Notes & docs'. Below the tabs, the main area displays a 'Meeting Notes' list view. The list includes the following items:

- Campaign brainstorm
- Standup 05-04-2020
- Acme Corp interview
- Logo redesign
- Standup 04-27-2020
- Weekly Sync 04-20-2020
- Ad campaign postmortem
- A/B test findings

On the right side of the interface, a mobile phone screen shows the same 'Meeting Notes' list view, demonstrating the cross-device synchronization and mobile accessibility of the workspace.

= Holistic Solution
(= Compound Startup)

NOTION: BUILDING A WINNING BRAND





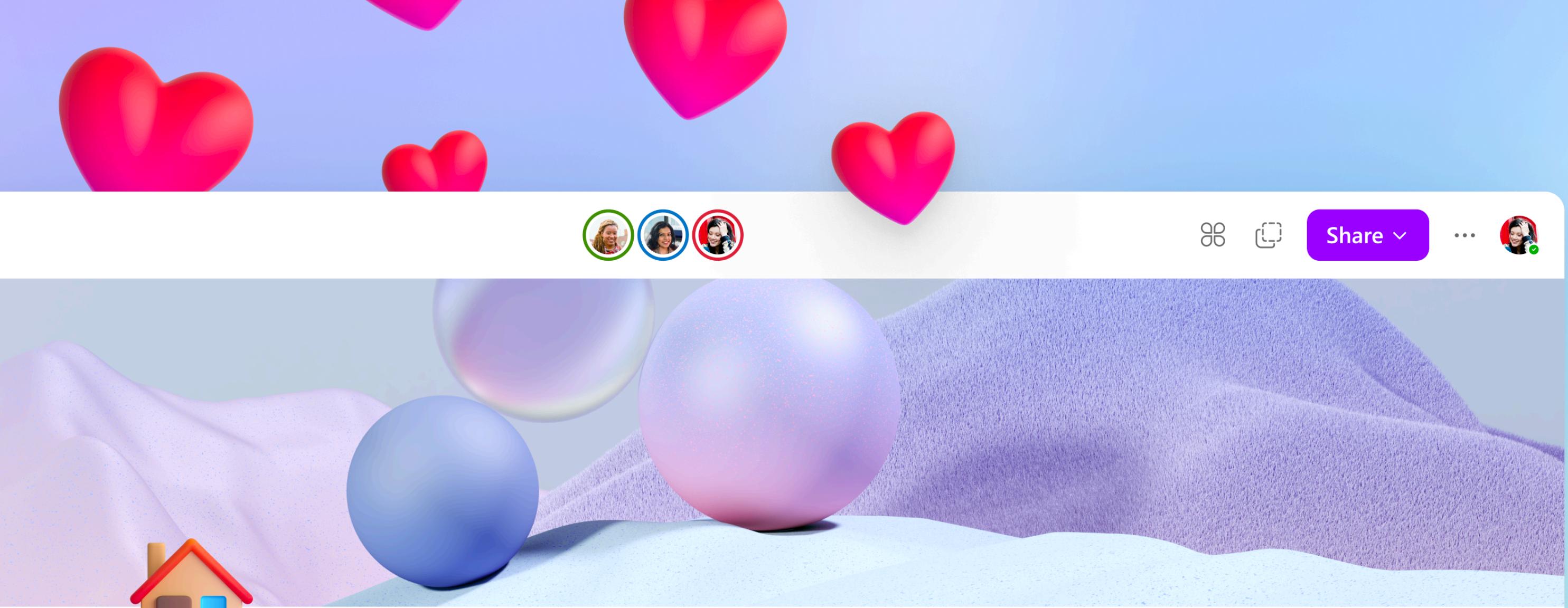
Loop

Recent

My ideas

Fourth Coffee project 12 Workspace members

- Project home
- Briefing 2
- Meeting notes
- Newsletters
- Spring
- Winter
- Campaign themes
- Sales analysis 1
- Marketing site



Project home

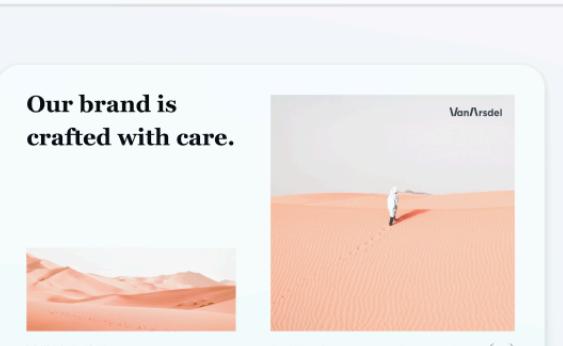
Status: In Progress

Team: Wanda, **Kat**, Colin, Lydia, Henry

Fourth Coffee is a growing new coffee company — they specialize in fair trade coffee from renowned coffee bean regions. We're excited to be embarking on our first project with them!

Video & relevant docs

Sales & marketing strategy
Edited 12 days ago by Daisy Phillips
Daisy Phillips's OneDrive



그런데, 이와 같은 일이

거의 모든 영역에서

발생할 수 있게 되었다.

Why?

LLM은 General Problem Solver이기 때문에
LLM을 이용하면 인접한 여러 문제를 동시에 푸는게 가능하고,
이렇게 동시에 문제를 푸는 난이도가 극도로 낮아졌다.

잠깐!

변함 없이 중요한 것은 실존하는 문제를 제대로 푸는 것이다.

변함 없이 중요한 것은 실존하는 문제를 제대로 푸는 것이다.

그리고, 실존하는 문제를 찾는 것은 여전히 어렵다.

대신,

문제를 푸는 것이 쉬워졌다.

이제는 제품 개발도 쉬워졌고
General Problem Solver가 민주화되었기 때문이다.

하나를 푸는 것이
오히려 기회의 낭비가 되는 Tipping Point를 넘었다.

푸는 문제의 수 x 실존 문제일 확률 x 문제를 풀 확률

Point Solution	1	20%	60%	12%
Holistic Solution	3	20%	40%	24%

그리고 무엇보다 중요한 것은,

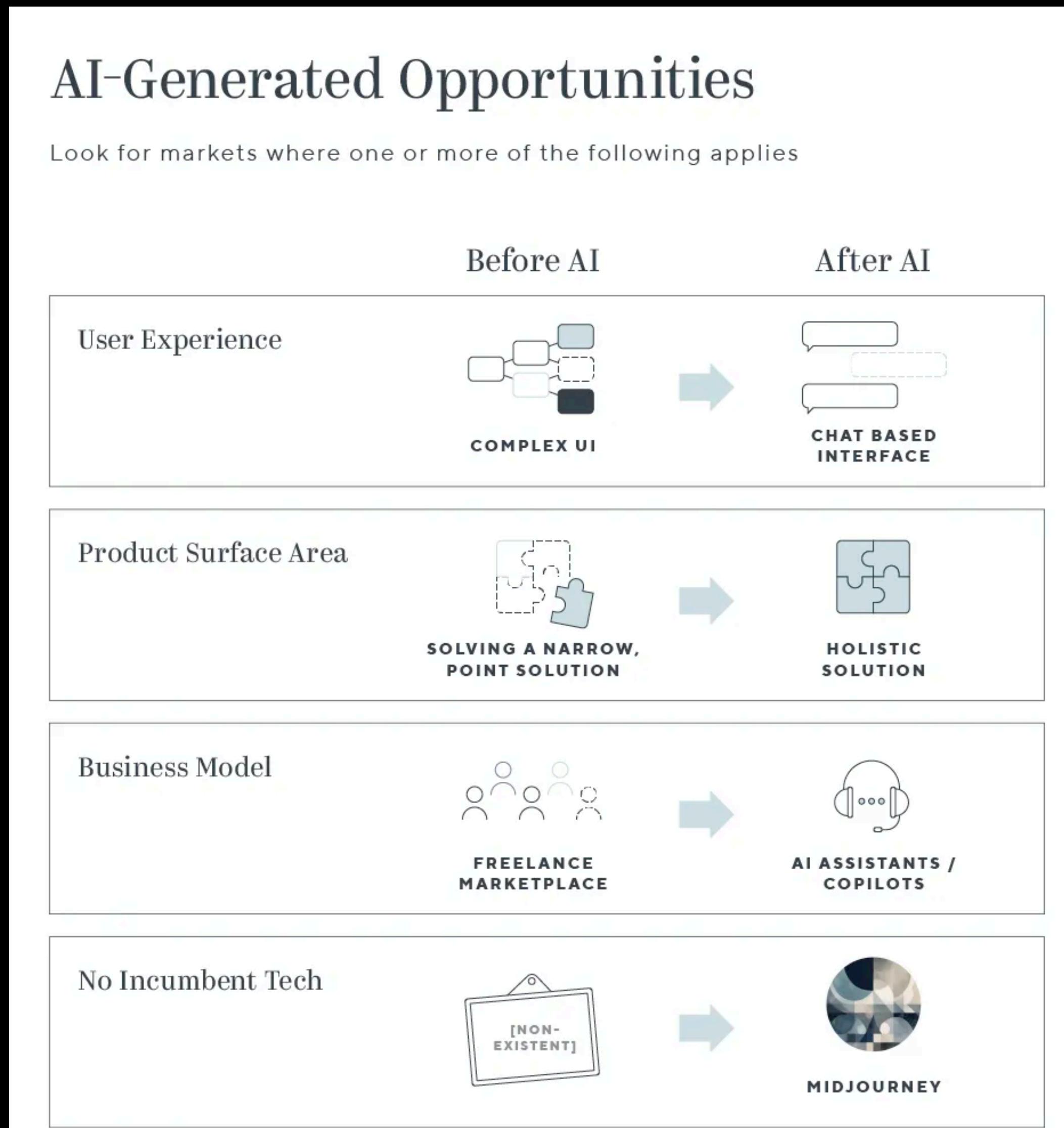
고객 입장에서 Holistic Solution을
쓰지 않을 이유가 없다는 것이다.
(문제를 잘 해결해준다면)

일반적으로 Holistic Solution이 더 짜다!

심지어 LLM Based Holistic Solution은
공급자가 WO을 향해갈 것이기 때문에 계속해서 짜질 수 있다.

그리고 이걸,

이미 실리콘밸리에서는 다 안다.



Chapter 3.

그래서 라이너는,

Your AI Workspace

Get More Done and Save Your Time ⚡

⌚ What can I do for you? | General ^

Tell LINER what you need

GPT-3.5 GPT-4

General Research Writing Translate Rewriting Summarize today's news on AI Neuralink Begins Enroll... Grammar checker Question solving Programming Summarize today's news on Business DeepMind's AlphaMisse...

Autopilot >

General

Research

Writing

Translate

Rewriting

Summarize today's news on AI

Neuralink Begins Enrollment in Human Clinical Trials

Grammar checker

Question solving

Programming

Summarize today's news on Business

DeepMind's AlphaMistake... and other Science news

Autopilot >

[Interested in other topics?](#)

LLM은 생성형 AI가 아니다. - by Jinu

jinu.substack.com/p/llm-ai

Jinu Notes

LLM은 생성형 AI가 아니다.

LLM은 Holistic Solution(Compound Startup)의 구현을 가능케 하는 Enabler이다.

JINU KIM
SEP 12, 2023

5 5 5

전세계적으로 수억명의 사용자들에게 ChatGPT가 채택되면서 ChatGPT는 LLM과 생성형 AI(Generative AI)의 대명사가 되었다. 그래서인지 많은 사람들이 Chat AI이고, ChatGPT는 LLM이니까 LLM은 생성형 AI라고 생각하게 된 듯 하다.

ChatGPT = LLM = Generative AI?

하지만 LLM은 생성형 AI가 아니다.

정확하게 말하면 LLM은 생성형 AI의 일종이다. 그러니까 'LLM은 생성형 AI다'리은 아니다. 그럼에도 굳이 이렇게 과격한 표현까지 사용한 이유는 무엇일까? 그것은 AI라고 바라보는 관점은 LLM의 가치를 제대로 파악하는 데에 큰 방해가 되기 때문

LLM은 거대 '언어' 모델이지만 그 역할을 '언어'에만 한정지어선 안된다. LLM과 함께 생각하는 순간 우리는 LLM을 '언어'를 '생성'하는 모델이라고 생각하게 된다. 이 다능(Versatile)한 역량을 굉장히 과소평가하게 되는 결론으로 이어진다.

LLM = Reasoning Machine & General Problem Solver

LLM은 인류가 발견한 General Problem Solver이다. 여러 LLM들을 비교할 때 벤치마크만 비교하는 경우는 이제 없다. 글쓰기, STEM, 정보추출, 코딩, 수학, 추론의 문제를 풀 수 있는 모델이 LLM이기 때문이다.

LINER Copilot

(11) LLM은 생성형 AI가 아니다. - by Jinu Kim - Jinu Notes

jinu.substack.com

Summarize this page

Key Takeaways:

- LLM, or Large Language Model, is not just a generative AI but a versatile tool for problem-solving.
- LLM is a general problem solver that can be used in various fields, including writing, STEM, coding, math, and reasoning.
- LLM enables a holistic solution approach by allowing multiple problems to be solved simultaneously.

Summary:

LLM, or Large Language Model, is often associated with generative AI and is commonly referred to as a chatbot like ChatGPT. However, LLM is not just a generative AI but a versatile tool for problem-solving. It is more accurately described as a type of generative AI. Viewing LLM solely as a language model not only underestimates its capabilities but also hinders its true value.

Get Better Answer

LLM is a powerful general problem solver that

Ask a follow-up question

GPT-3.5 GPT-4

그리고,



Alexander Yoon • 1st
Product Growth at LINER
1w • Edited • ⓘ

•••

11월에 LINER는 미국을 갑니다.

그리고 저는 LINER Seoul을 떠나 LINER SF를 ("LINER San Franci ...see more

[See translation](#)



LINER SF#1—도시와 고객

medium.com • 5 min read



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