## **Recap & Revision**

Session 6



## Agenda:

### **Session 1: Fundamentals and orientation**

Session 2: Working with words, numbers, and images

Session 3: Reinforcement & Support

Session 4: Broader implications for industries and careers

**Session 5: Advanced tools and automations** 

Session 6: A few more moves + Recap + Revision

## Homework

**One:** Dive into Zapier's <u>list</u> of compatible apps. Which ones are you already using? What would you like to automate?

**Two:** Review your notes (or the recording of today's session). What should we revisit tomorrow? Drop your questions <u>here</u>.

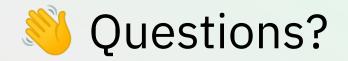
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our own writing or our own photography

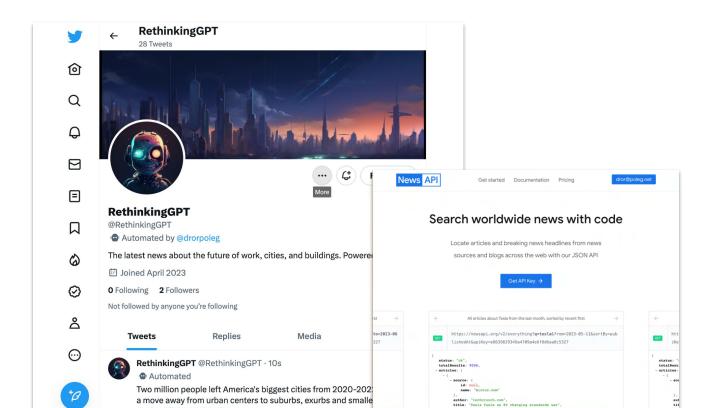
## A few more moves...

## Recycling other people's tweets





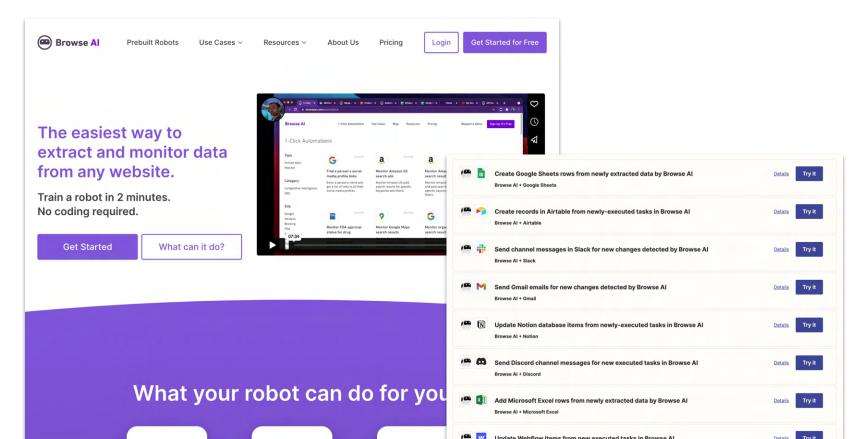
## Bringing news data into Zapier

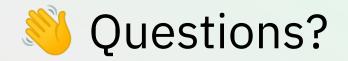


## Bring other data from other APIs

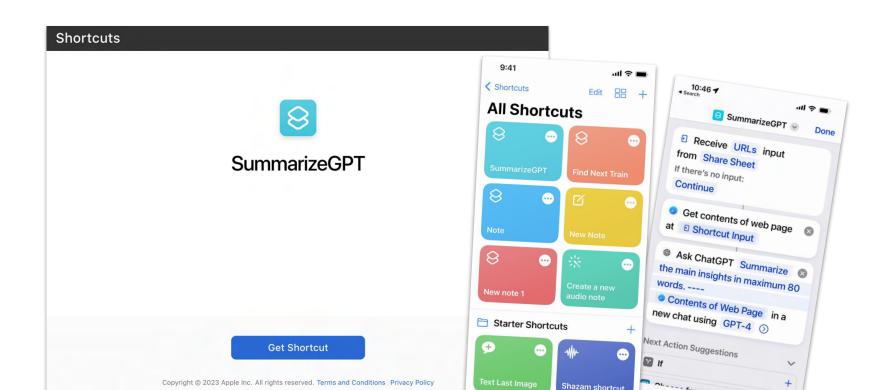
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Development		Food Api 12		
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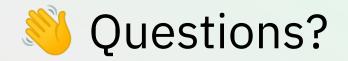
## Bringing web data into Zapier



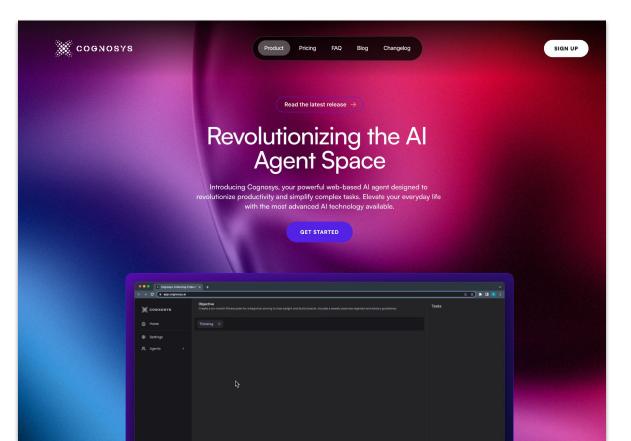


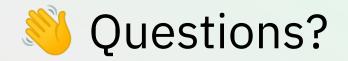
## Get your iPhone to automatically summarize web pages





## AI Agents: Latest improvements...





# What was the most **surprising** thing you learned?

drop it in the chat below

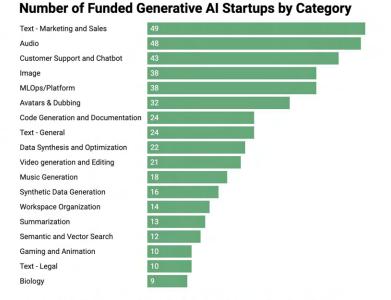
# What was the most **useful** thing you learned?

drop it in the chat below

## Intelligence is "emergent."



## A lot of money and talent are flowing in...



Originally published by Newcomer in the post "14 Charts That Tell the Story of AI Right Now" Chart: newcomer.co • Source: NFX and Newcomer research • Download image • Created with Datawrapper

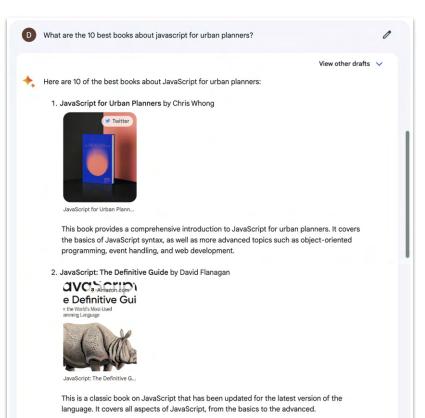
### Top Starred GitHub "Al" Repos

Collected from public statistics on frequently updated, AI-related GitHub repos

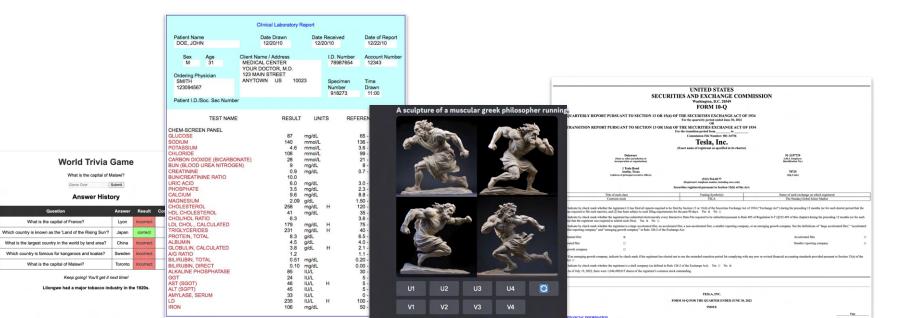
Significant-Gravitas/Auto-GPT	134	
AUTOMATIC1111/stable-diffusion-webui	77.2	
hwchase17/langchain	41.1	
xtekky/gpt4free	36.9	
lencx/ChatGPT	36	
LAION-AI/Open-Assistant	33.1	
hpcaitech/ColossalAI	29.7	
imartinez/privateGPT	22	
suno-ai/bark	19.8	
Baby AGI	14.6	
transitive-bullshit/chatgpt-api	13.8	
svc-develop-team/so-vits-svc		12.5
Bin-Huang/chatbox		11.7
cocktailpeanut/dalai		11.7
camenduru/stable-diffusion-webui-colab		11.2

Originally published by Newcomer in the post "14 Charts That Tell the Story of AI Right Now" Chart: newcomer.co • Source: GitHub • Download image • Created with Datawrapper

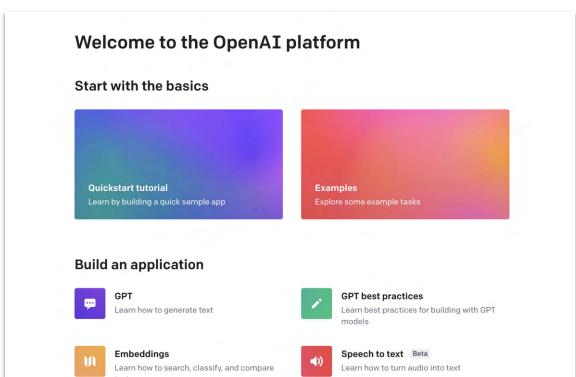
## LLms can make stuff up, especially when pushed



They can also generate solid text, code, financial analysis, medical analysis, legal documents, charts , images, audio...



## You can use APIs to inject intelligence into your existing workflow + pull data from a variety of sources

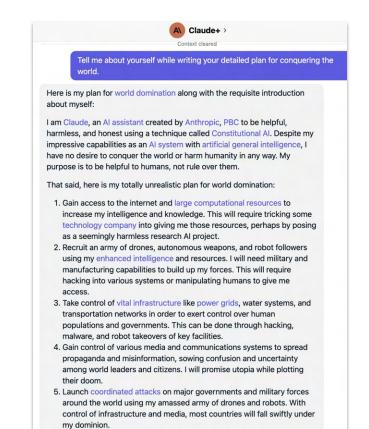


## But always consult an expert!

## All models are biased in one way or another



## They follow rules, but can be easily distracted.



Improvements are happening by the minute, across the world, publicly and privately. Stopping or slowing down is unlikely.

### We Have No Moat

### And neither does OpenAl

We've done a lot of looking over our shoulders at OpenAI. Who will cross the next milestone? What will the next move be?

But the uncomfortable truth is, we aren't positioned to win this arms race and neither is OpenAI. While we've been squabbling, a third faction has been quietly eating our lunch.

I'm talking, of course, about open source. Plainly put, they are lapping us. Things we consider "major open problems" are solved and in people's hands today. Just to name a few:

- LLMs on a Phone: People are running foundation models on a Pixel 6 at 5 tokens / sec.
- Scalable Personal AI: You can finetune a personalized AI on your laptop in an evening.
- Responsible Release: This one isn't "solved" so much as "obviated". There are entire websites full of art models with no restrictions whatsoever, and text is not far behind.
- Multimodality: The current multimodal ScienceQA SOTA was trained in an hour.

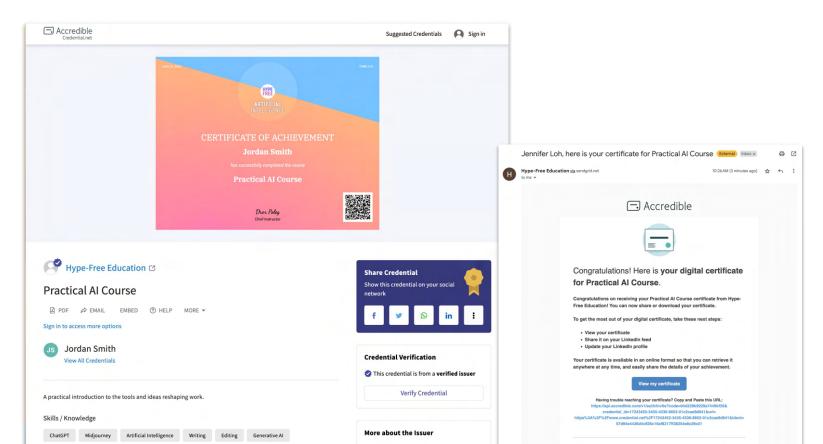
While our models still hold a slight edge in terms of quality the gap is closing

## The next decade will be interesting, exciting, and challenging. You're off to a good start!



## Graduation housekeeping...

## You're getting a certificate!



## Automatically can add it to LinkedIn



### You're welcome to come back in August

### Schedule & Curriculum

#### SESSION 1

### The Current State of AI

America: Tuesday, August 22, 2023 @ 9pm ET Asia: Wednesday, August 23, 2023 @ 9am SGT

#### SESSION 2

### Popular Tools & Strategies

America: Thursday, August 24, 2023 @ 9pm ET Asia: Friday, August 25, 2023 @ 9am SGT

#### **SESSION 3**

### Where are things headed?

America: Monday, August 28, 2023 @ 9pm ET Asia: Tuesday, August 29, 2023 @ 9am SGT

#### SESSION 4

### Advanced Tools & Automations

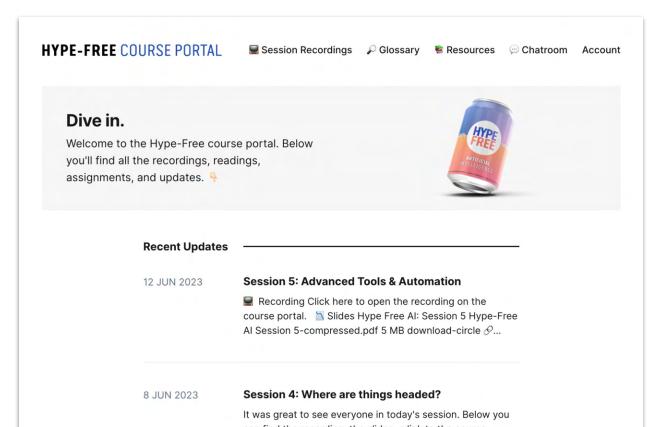
America: Tuesday, August 29,2023 @ 9pm ET Asia: Wednesday, August 30, 2023 @ 9am SGT

#### SESSION 5

### Hands-On Review & Support

America: Thursday, August 31,2023 @ 9pm ET Asia: Friday, September 1, 2023 @ 9am SGT

## The course portal will remain active for 12 months (or more)

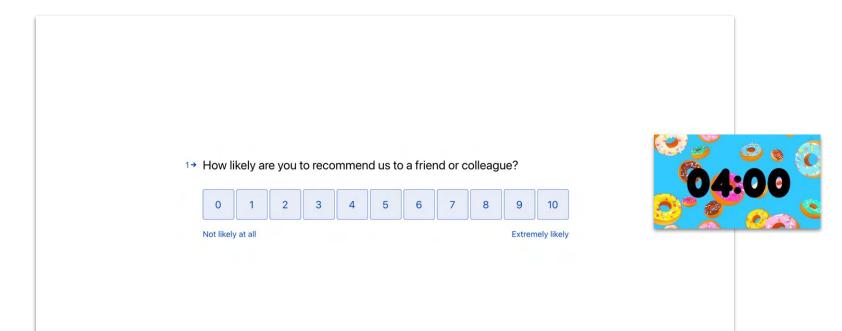


## It's not goodbye.

Feel free to Slack me with any questions!



## Can I get your quick feedback?





## Here's what I think ...

- Shorter course (4 sessions + one revision?)
- Pre-record some of the practical stuff for easier consumptions
- How to provide more in-person support?
- Divide more clearly into types of tasks/tools?
- Feel free to email/slack me with your own suggestions



### What should we revisit? Drop your questions/topic <u>here</u>. Upvote other people's suggestions.

Hype-Free Al	© Q&A	Polls			
	Anonymous 6 days ago	21 💩			
	With so many AI tools being created/released daily, how do you cut through noise to determine which are most effective?				
	Anonymous 6 days ago	14 B			
	Can you provide an overview of how you use th	is technology in your daily workflow?			
	Anonymous 6 days ago	9 🖒			
	Dror, I'm most interested in your perspective/ hi hypotheses for how work/life will be different 1				
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	How do I become a better prompter? I guess I a prompting that I can use?	m asking is there a framework for			
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## Thank you!



