

Words and Images

Session 2



Etiquette



Cameras on — show your face



Mute yourself when not talking



Drop your questions in the chat + “raise” your hand during questions time



Don't give up: Something isn't clear? Get in touch.



Be nice!

Nice work!

Birthday Matcher App

Enter Your Birthday:

Child Development Guide

Age of Child:

Developmental Stage:

Preschool

Engagement Activities:

Interactive storytelling, hands-on activities, puzzle-solving, simple board games, imaginative play.

What flavors are you in the mood for?

- Spicy
- Sweet
- Savory
- Sour
- Bitter

Any food allergies?

- Dairy
- Shellfish
- Nuts

Ted Lasso Quote Generator

I feel like my office here is a bit like NASA, and there's a lot of booing and jeering, which is tough, but, you know, fair play to the lads. They've got some good points.

Find Your Ideal Beach

Select your preferences:

Preferred Water Color:

Preferred Water Temperature:

Preferred Marine Life:

Transportation Recommender App

Enter Starting and Ending Locations

Starting Location:

Calorie Burn Calculator for Cycling

Enter Age (years):

Enter Heart Rate (bpm):

Enter Weight (lb):

AIQ

"Arts Inspiration Quotidian"
Your Daily Dose of Creative Inspiration

Daily Inspiration

Today's Theme: Love

"Music is love in search of a word."

- Sidney Lanier

Did you know? The romantic film "Casablanca" is renowned for its timeless portrayal of love.

Your Creative Prompt

Create a piece of visual art that represents your interpretation of love. You can use any available materials, from pencils to digital tools.

AI Literacy Test for Marketing Professionals

1. How can AI assist in optimizing PPC (Pay-per-click) campaigns?

- A. By guessing which keywords might work
- B. By manually adjusting bids every day
- C. By analyzing patterns and automatically adjusting bids

Today's Agenda



~~Session 1: Fundamentals and orientation~~



Session 2: Working with words and images



~~Session 3: Analyzing and visualizing data~~



~~Session 4: Automation, APIs, Privacy & broader implications~~



Session X: Reinforcement & Support

Understanding Tokens

- Token: A unit of text that the model reads and generates.
- Can be as short as one character, or as long as one word. For example, in the sentence "ChatGPT is great!", there are four tokens: "ChatGPT", "is", "great", and "!".
- Tokens are also the units by which the model learns during training: it learns to predict the next token in a sequence given the previous tokens.
- GPT 3.5 token limit: 2,048; GPT-4: 8,192 (or 32,768); Claude: 100,000;

Tokenizer

The GPT family of models process text using **tokens**, which are common sequences of characters found in text. The models understand the statistical relationships between these tokens, and excel at producing the next token in a sequence of tokens.

You can use the tool below to understand how a piece of text would be tokenized by the API, and the total count of tokens in that piece of text.

GPT-3 Codex

Prior to the NBA draft, Tatum reluctantly showed up to work out with the Boston Celtics. He showcased some of his skills but didn't necessarily shoot the lights out. But during this short visit, he managed to showcase something else as well. As Coach Brad Stevens described it, "He would miss two in a row, and it wouldn't dissuade him from hitting the next one."



Clear Show example

Tokens	Characters
78	362

Prior to the NBA draft, Tatum reluctantly showed up to work out with the Boston Celtics. He showcased some of his skills but didn't necessarily shoot the lights out. But during this short visit, he managed to showcase something else as well. As Coach Brad Stevens described it, "He would miss two in a row, and it wouldn't dissuade him from hitting the next one."

TEXT TOKEN IDS

A helpful rule of thumb is that one token generally corresponds to ~4 characters of text for common English text. This translates to roughly 1/4 of a word (so 100 tokens ~ 25 words).

If you need a programmatic interface for tokenizing text, check out our [tiktoken](#) package for Python. For JavaScript, the [gpt-3-encoder](#) package for node.js works for most GPT-3 models.

Understanding prompts


Prompt: A text-based instruction or input given to a language model. It serves as a starting point or guidance for the model to generate a response or continuation based on the provided prompt. The prompt can be a question, statement, or incomplete sentence that helps to frame the desired output from the model.

 Questions so far?

Working with Words


Analyzing Text

Dror Poleg [About](#) [Keynotes](#) [Books](#) [AI Course](#) [Podcast](#) [Contact](#) [Account](#) [🔄](#) [🔍](#)



Talent, Scarcity, and Culture

How does talent distribution impact corporate culture and the future of work?

 Dror Poleg | 05 May 2023

Browsing the Web

Settings

- General
- Beta features**
- Data controls

As a Plus user, enjoy early access to experimental new features, which may change during development.

Browse with Bing

Try a version of ChatGPT that knows when and how to browse the internet to answer questions about recent topics and events.

Plugins

Try a version of ChatGPT that knows when and how to use third-party plugins that you enable.

⚡ GPT-3.5

🌟 GPT-4

Our most capable model, great for tasks that require creativity and advanced reasoning.

Available exclusively to Plus users

✦ Default

🌐 Browse with Bing **Beta**

Beta ✓

Bard **Expert team**

+ New chat

Recent

- What's the most compelling quote...**
- Give me a list of 10 most influen...

What's the most compelling quote in this article? <https://www.drorpoleg.com/tragedy-of-the-uncommon/>

View other drafts

✦ The most compelling quote in the article "The Tragedy of the Uncommon" by Dror Poleg is:

"The tragedy of the uncommon is that when a resource is restricted, people are less likely to use it, even when it would be in their best interest to do so."

This quote is compelling because it highlights the paradox of restricted resources. On the one hand, it makes sense to restrict access to a resource in order to protect it from overuse. On the other hand, restricting access can also lead to underuse, which can be just as harmful as overuse.


The article gives several examples of the tragedy of the uncommon, including:

- The decline of public spaces in cities, as people are discouraged from using them due to crime or a lack of amenities.
- The rise of gated communities, as people opt to live in exclusive enclaves where they can control who has access.
- The hoarding of intellectual property, as companies keep their innovations secret in order to prevent competitors from using them.


ChatGPT Plugins

Plugin store ×


Popular New **All** Installed




Golden

Install 


Get current factual data on companies from the Golden knowledge graph.




HTTP Webhooks

Install 


Allows you to write, deploy, and manage HTTP Webhooks in JavaScript, right from the chat.




WebPilot

Install 


Browse & QA Webpage/PDF/Data. Generate articles, from one or more URLs.




Sakenowa

Install 


Find Sake and get detailed information in various ways.




TimeMachine

Install 


Enhances AI with real-time awareness, providing current time in various formats and timezones.




Paxi AI

Install 


Let AI tools speed up your tasks! Make it easy to find the right tool for the task.




Speechki

Install 

The easiest way to convert texts to ready-to-use audio — download link, audio player page, or embed!



edX

Install 

Find courses and content from leading universities to expand your knowledge at any level.

< Prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 Next > About plugins

Combining multiple tools

The logo for Google Bard, featuring a colorful four-pointed star icon to the left of the word "Bard" in a sans-serif font.

- *Searches the web*
- *Real-time results*
- *Links to sources*

The logo for OpenAI ChatGPT, featuring a green square icon with a white interlocking knot design to the left of the text "ChatGPT" in a bold, sans-serif font.

- *Strongest reasoning skills*
- *Plugins*
- *Code & Visualizations*

The logo for Anthropic, consisting of the word "ANTHROPIC" in a bold, black, all-caps sans-serif font.

- *Digests longer texts*
- *Rivals ChatGPT's language skills*
- *Safer (?)*

What else can you do with a higher token limit?

ANTHROPIC

Welcome back

| Message Claude or search past chats...



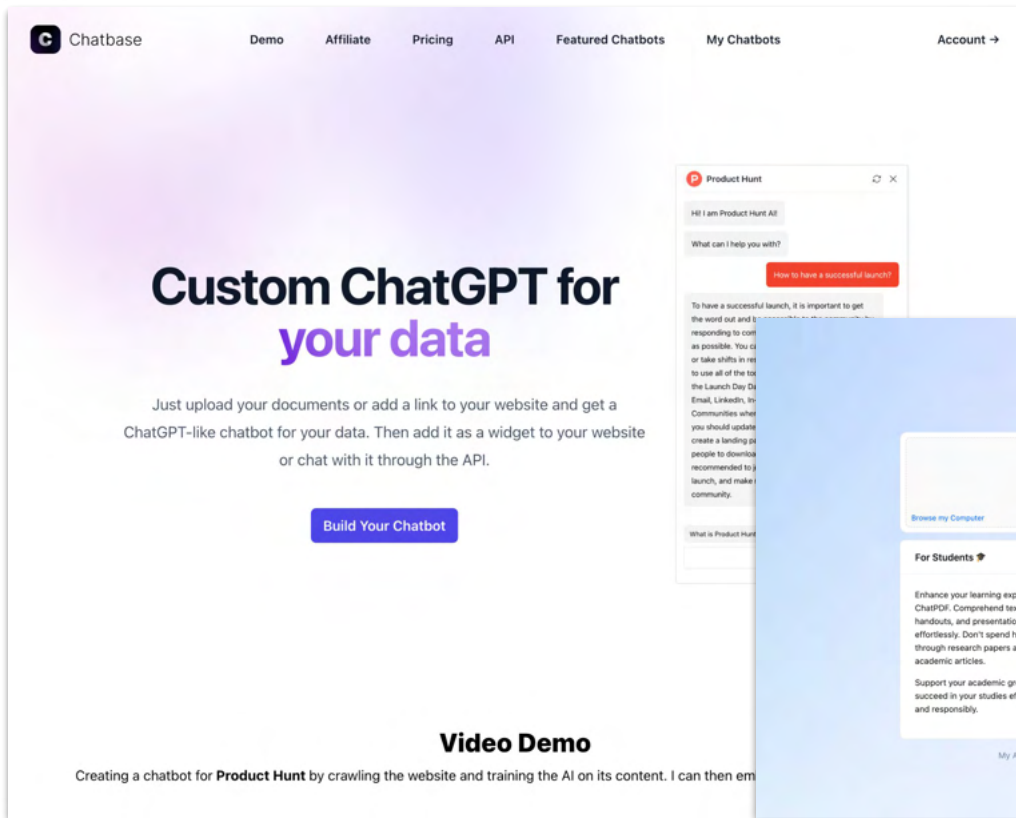
Start a new chat >

 Questions so far?

Conducting Market Research



Chatting with your own data



Chatbase Demo Affiliate Pricing API Featured Chatbots My Chatbots Account →

Custom ChatGPT for your data

Just upload your documents or add a link to your website and get a ChatGPT-like chatbot for your data. Then add it as a widget to your website or chat with it through the API.

[Build Your Chatbot](#)

Video Demo

Creating a chatbot for **Product Hunt** by crawling the website and training the AI on its content. I can then em

Product Hunt

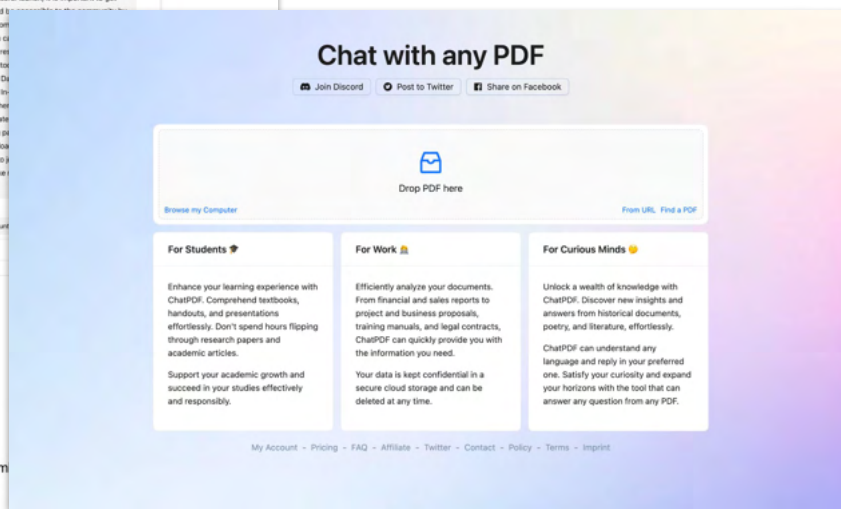
Hi I am Product Hunt AI

What can I help you with?

How to have a successful launch?

To have a successful launch, it is important to get the word out and be responding to comments as possible. You can or take shifts in response to use all of the tools the Launch Day Di Email, LinkedIn, Facebook Communities where you should update create a landing page people to download recommended to launch, and make a community.

What is Product Hunt



Chat with any PDF

[Join Discord](#) [Post to Twitter](#) [Share on Facebook](#)

[Browse my Computer](#) [Drop PDF here](#) [From URL, Find a PDF](#)

For Students 🎓

Enhance your learning experience with ChatPDF. Comprehend textbooks, handouts, and presentations effortlessly. Don't spend hours flipping through research papers and academic articles.

Support your academic growth and succeed in your studies effectively and responsibly.

For Work 💼

Efficiently analyze your documents. From financial and sales reports to project and business proposals, training manuals, and legal contracts, ChatPDF can quickly provide you with the information you need.

Your data is kept confidential in a secure cloud storage and can be deleted at any time.

For Curious Minds 🧠

Unlock a wealth of knowledge with ChatPDF. Discover new insights and answers from historical documents, poetry, and literature, effortlessly.

ChatPDF can understand any language and reply in your preferred one. Satisfy your curiosity and expand your horizons with the tool that can answer any question from any PDF.

[My Account](#) - [Pricing](#) - [FAQ](#) - [Affiliate](#) - [Twitter](#) - [Contact](#) - [Policy](#) - [Terms](#) - [Imprint](#)

Doing deeper research

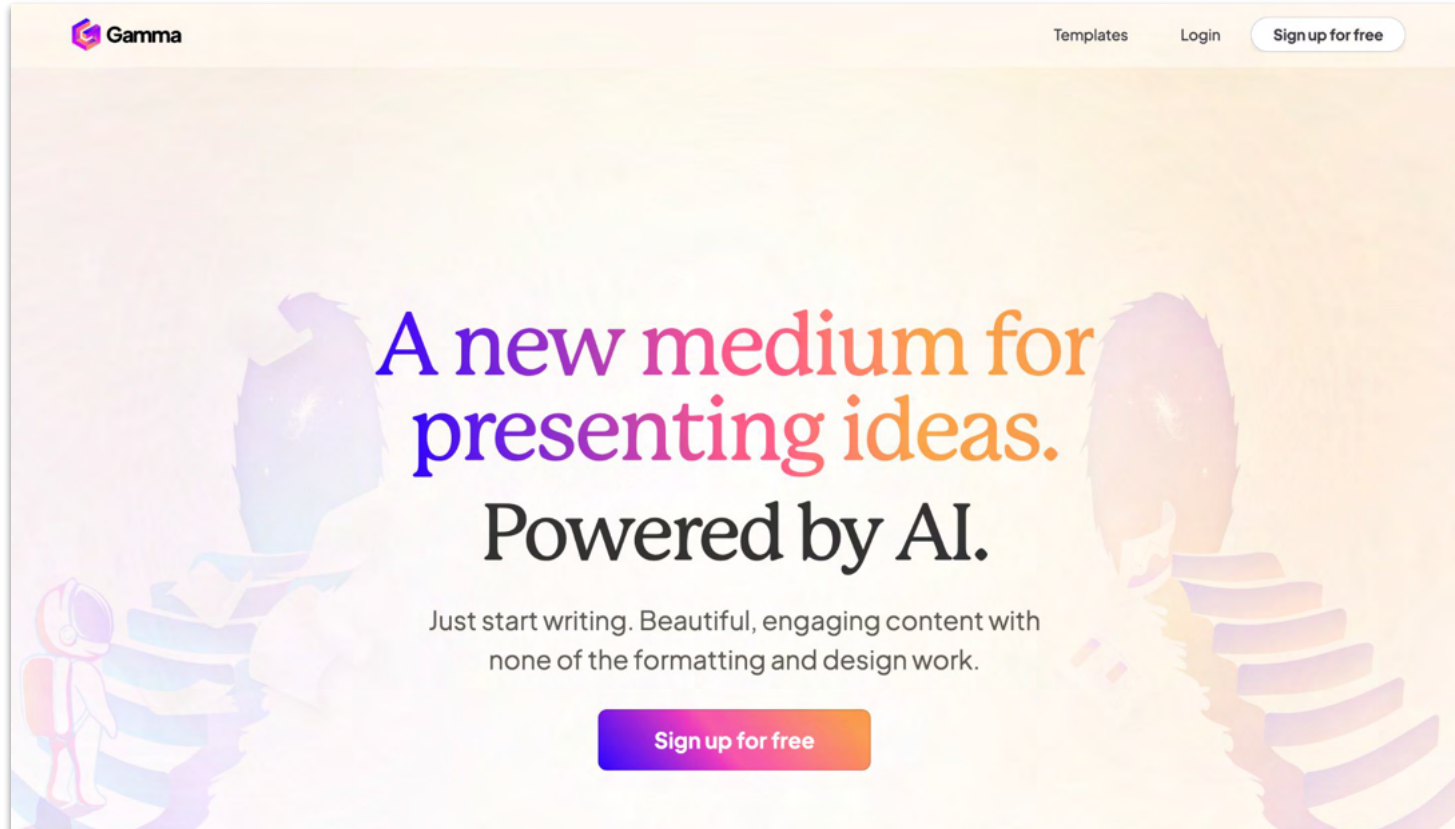



scite_

Elicit



Turn your outline into a presentation

The image shows the landing page of the Gamma website. The background is a soft, warm gradient of yellow and orange. On the left side, there is a faint illustration of an astronaut standing on a set of stairs that lead up to a large, glowing sphere. The Gamma logo is in the top left corner. In the top right corner, there are links for 'Templates', 'Login', and a 'Sign up for free' button. The main headline is 'A new medium for presenting ideas.' with 'A new medium for' in purple and 'presenting ideas.' in orange. Below this is the sub-headline 'Powered by AI.' in black. Underneath is a paragraph: 'Just start writing. Beautiful, engaging content with none of the formatting and design work.' At the bottom center is a large, rounded rectangular button with a purple-to-orange gradient, containing the text 'Sign up for free' in white.

 Gamma

Templates Login [Sign up for free](#)

A new medium for presenting ideas.

Powered by AI.

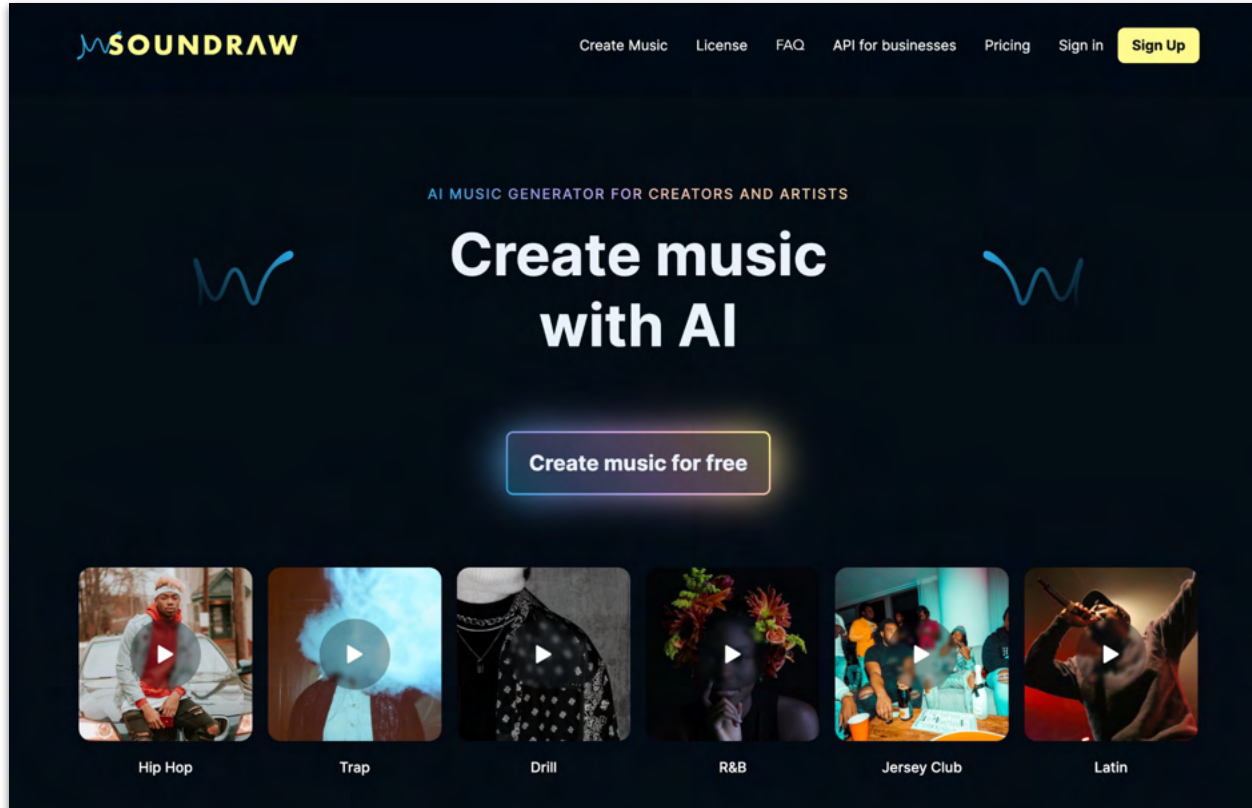
Just start writing. Beautiful, engaging content with none of the formatting and design work.

[Sign up for free](#)

Or a podcast...
(Use any voice, including yours...)

The screenshot displays the ElevenLabs website interface. At the top, the navigation bar includes the logo "ElevenLabs" and menu items for "Product", "Research", "Pricing", "Resources", and "Company". On the right side of the navigation bar, there are "Sign in" and "Sign up" buttons. The main content area features a large heading "Generative Voice AI" and a subheading "Explore the most advanced text to speech and voice cloning software ever. Create lifelike voiceovers for your content or use our AI voice generator as an easy-to-use text reader." Below this, a yellow button labeled "Get Started Free" is visible. To the right, a language selection interface allows users to click on a language to generate random speech, with options including English, Chinese, Spanish, Hindi, Portuguese, French, German, Japanese, Arabic, Korean, Indonesian, Italian, Dutch, Turkish, Polish, Swedish, Filipino, Malay, Romanian, Ukrainian, Greek, Czech, Danish, Finnish, Bulgarian, Croatian, Slovak, and Tamil. A text input field contains the text: "Eleven lets you voice any length of text in top quality, all while automatically matching what is being said with how it's being said. The model works best on longer texts, so type in at least a few sentences." Below the input field, a dropdown menu shows "Daniel" and a character count "0 / 333". A play button and a progress bar are also visible. At the bottom of the screenshot, another heading reads "Expand your reach with our AI voice generator" followed by the text "Let your content go beyond text with our advanced Text to Speech tool. Generate high-quality spoken audio in any voice, style, and".

Adding some background music...



The screenshot shows the Soundraw website homepage. At the top left is the Soundraw logo. The top right navigation bar includes links for 'Create Music', 'License', 'FAQ', 'API for businesses', 'Pricing', 'Sign in', and a yellow 'Sign Up' button. The main heading reads 'AI MUSIC GENERATOR FOR CREATORS AND ARTISTS' followed by 'Create music with AI' in large white text. A central button says 'Create music for free'. Below this is a row of six music genre thumbnails: Hip Hop, Trap, Drill, R&B, Jersey Club, and Latin, each with a play button icon.

SOUNDRAW

Create Music License FAQ API for businesses Pricing Sign in **Sign Up**

AI MUSIC GENERATOR FOR CREATORS AND ARTISTS

Create music with AI

Create music for free

Hip Hop Trap Drill R&B Jersey Club Latin

Reviewing a Contract

EMPLOYMENT CONTRACT

This Employment Contract (this "Contract") is made effective as of March 01, 2022, by and between Hype-Free Media (DBA of Eloquent.li LLC) of _____ and _____ of _____, New York, _____.

A. Hype-Free Media (DBA of Eloquent.li LLC) is engaged in the business of online education and media production. _____ will primarily perform the job duties at the following location: ..., _____, _____.

B. Hype-Free Media (DBA of Eloquent.li LLC) desires to have the services of _____.

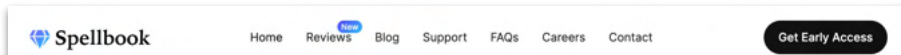
C. _____ is an at will employee of Hype-Free Media (DBA of Eloquent.li LLC). Either party is able to terminate the employment agreement at any time.

Therefore, the parties agree as follows:

1. EMPLOYMENT. Hype-Free Media (DBA of Eloquent.li LLC) shall employ _____ as a(n) Program Manager. _____ shall provide to Hype-Free Media (DBA of Eloquent.li LLC) duties as needed. _____ accepts and agrees to such employment, and agrees to be subject to the general supervision, advice and direction of Hype-Free Media (DBA of Eloquent.li LLC) and Hype-Free Media (DBA of Eloquent.li LLC)'s supervisory personnel.

2. BEST EFFORTS OF EMPLOYEE. _____ agrees to perform faithfully, industriously, and to the best of _____'s ability, experience, and talents, all of the duties that may be required by the express and implicit terms of this Contract, to the reasonable satisfaction of Hype-Free Media (DBA of Eloquent.li LLC). Such duties shall be provided at such place(s) as the needs, business, or opportunities of Hype-Free Media (DBA of Eloquent.li LLC) may require from time to time.

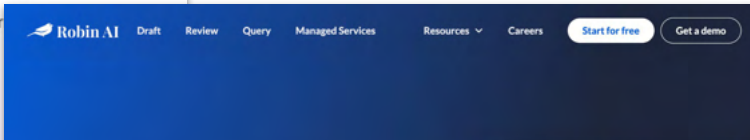
More specialized tools



Draft contracts 3x faster with AI

Spellbook uses GPT-4 and other large language models to review and suggest terms for contracts, right in Microsoft Word.

Be the first to draft with AI →

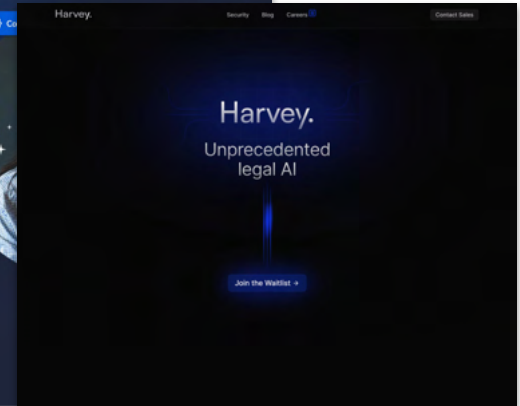


The AI Copilot for your Contracts

Fly through your contracts with Robin.

Get a demo

Start for free



Harvey. Unprecedented legal AI

Join the Waitlist →

 Questions so far?

Group Activity – 7 minutes:

Introduce yourself and then use ChatGPT together to... convince me to buy this pen.

Use whatever you know about me, feel free to make assumptions, ask ChatGPT for help.



Group Activity – 7 minutes:

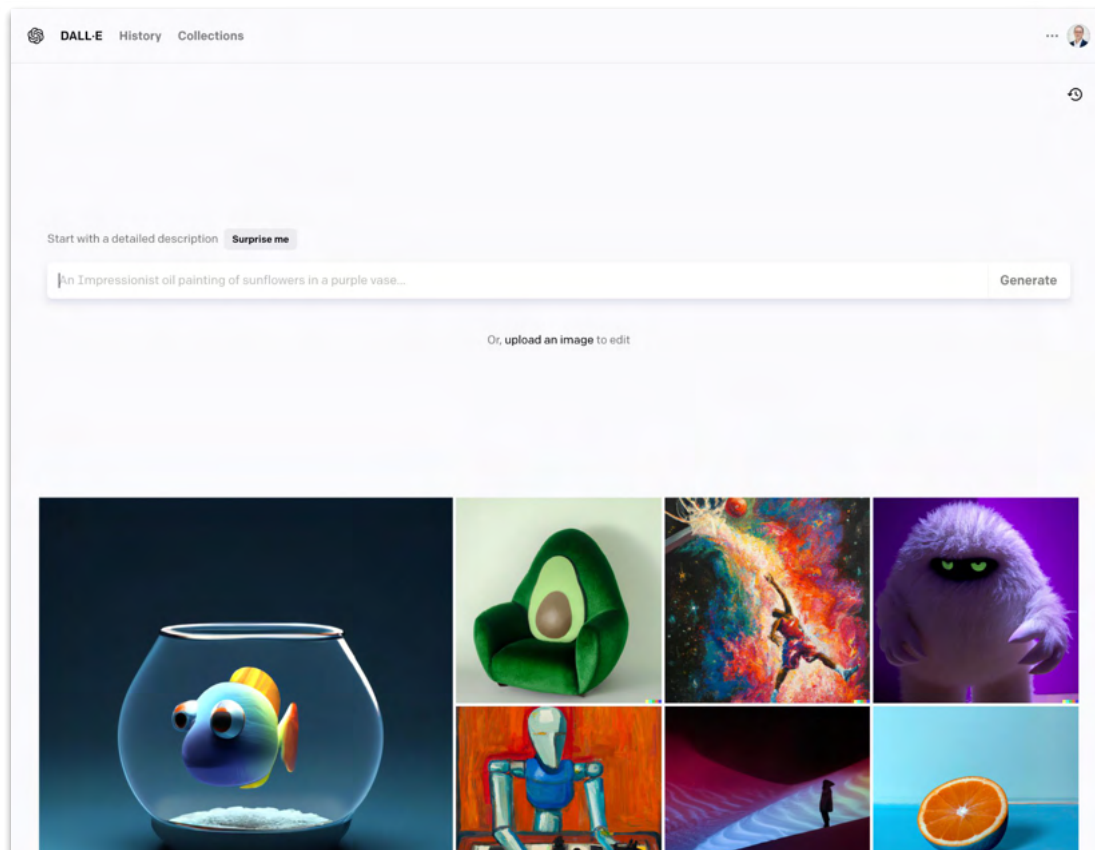
Introduce yourself and then use ChatGPT together to... convince me to buy this pen.

Use whatever you know about me, feel free to make assumptions, ask ChatGPT for help.



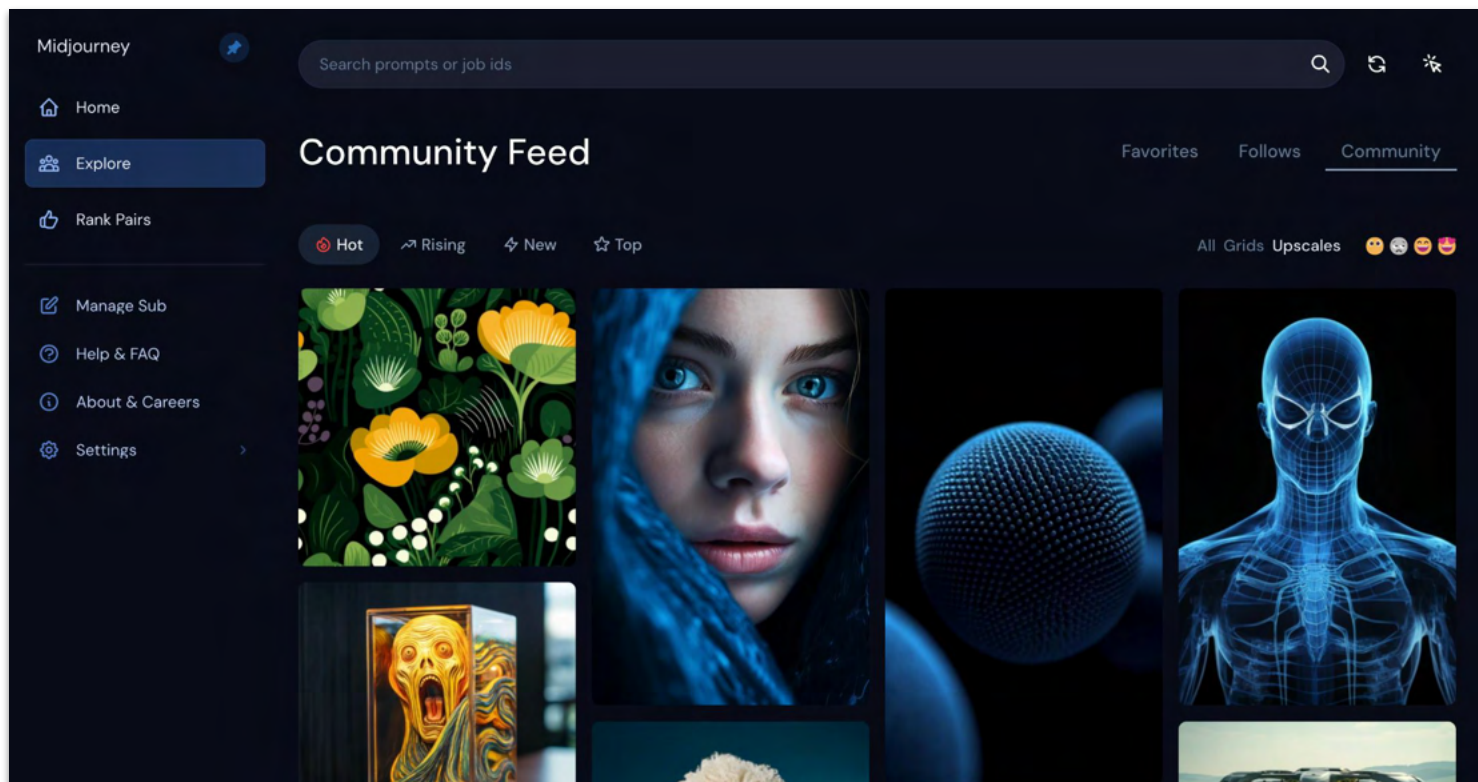
Working with Images

The easy (and lousy) way

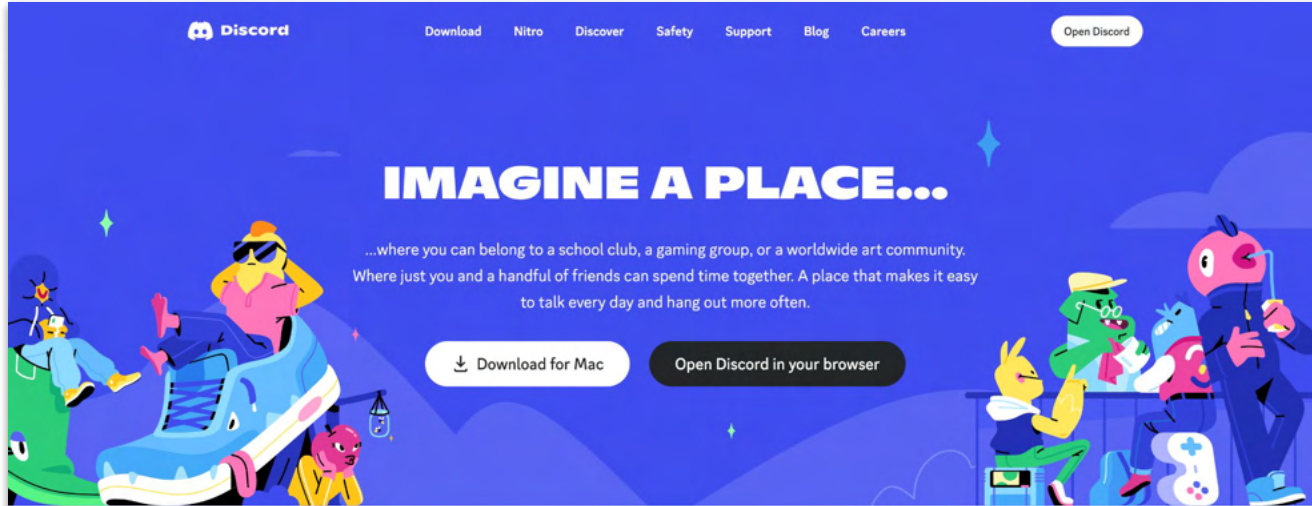


The better version — Midjourney

(Transformer + GAN)



Create a Discord Account

The hero section of the Discord website features a dark blue background with stylized, colorful illustrations of various avatars. On the left, a character with a yellow head and sunglasses is on a blue inflatable. In the center, a character with a pink head is on a yellow chair. On the right, a character with a pink head is on a blue chair. The text is centered and white, with two call-to-action buttons: a white one with a download icon and a black one with white text.

Discord

Download Nitro Discover Safety Support Blog Careers

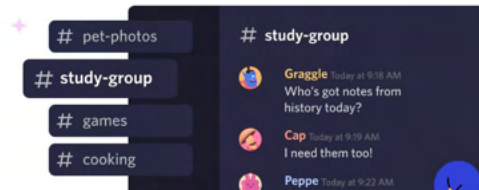
Open Discord

IMAGINE A PLACE...

...where you can belong to a school club, a gaming group, or a worldwide art community. Where just you and a handful of friends can spend time together. A place that makes it easy to talk every day and hang out more often.

Download for Mac

Open Discord in your browser

A screenshot of a Discord server's channel list. The list is dark-themed and shows several channels. The first channel is '# pet-photos'. The second channel is '# study-group', which is selected and highlighted. Below it are '# games' and '# cooking'. To the right of the channel list, a preview of the '# study-group' channel is shown, displaying three messages from users Graggle, Cap, and Peppe.

pet-photos

study-group

games

cooking

study-group

Graggle Today at 9:18 AM
Who's got notes from history today?

Cap Today at 9:19 AM
I need them too!

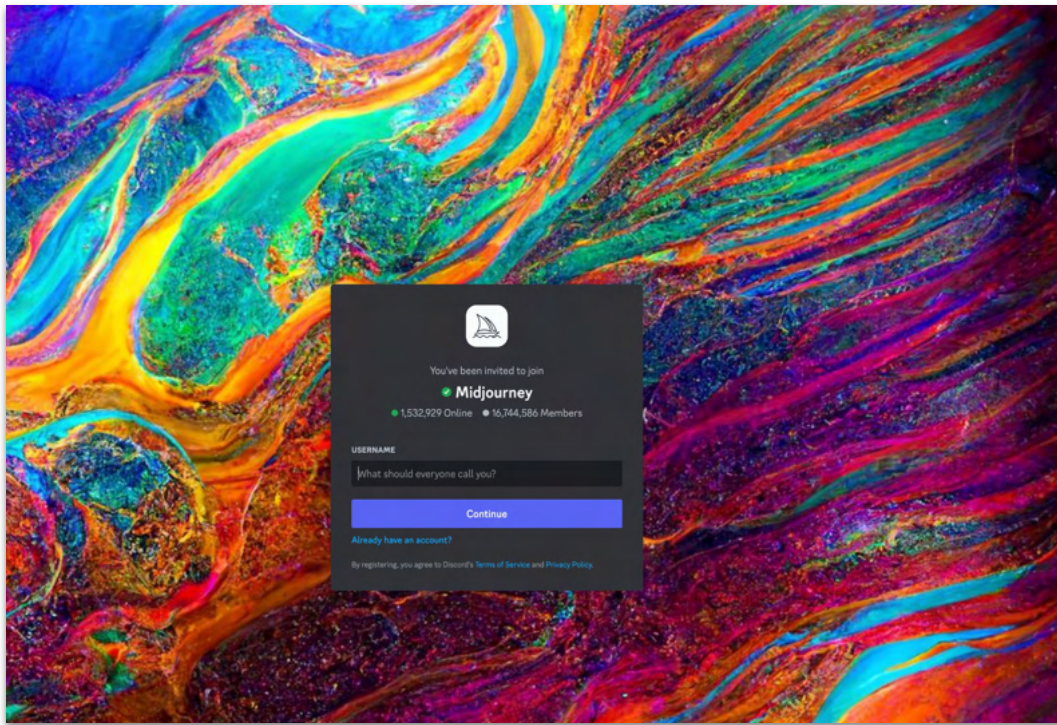
Peppe Today at 9:22 AM

Create an invite-only place where you belong

Discord can even be organized into topics

Join the MidJourney Server:

<http://discord.gg/midjourney>



Basic Prompt Format: /imagine . . .

Prompting Notes

Prompt Length

Prompts can be very simple. Single words (or even an emoji!) will produce an image. Very short prompts will rely heavily on Midjourney's default style, so a more descriptive prompt is better for a unique look. However, super-long prompts aren't always better. Concentrate on the main concepts you want to create.

Grammar

The Midjourney Bot does not understand grammar, sentence structure, or words like humans. Word choice also matters. More specific synonyms work better in many circumstances. Instead of big, try gigantic, enormous, or immense. Remove words when possible. Fewer words mean each word has a more powerful influence. Use commas, brackets, and hyphens to help organize your thoughts, but know the Midjourney Bot will not reliably interpret them. The Midjourney Bot does not consider capitalization.

Midjourney Model Version 4 is slightly better than other models at interpreting traditional sentence structure.

Focus on What you Want

It is better to describe what you want instead of what you don't want. If you ask for a party with "no cake," your image will probably include a cake. If you want to ensure an object is not in the final image, try advance prompting using the [--no](#) parameter.

Think About What Details Matter

Anything left unsaid may surprise you. Be as specific or vague as you want, but anything you leave out will be randomized. Being vague is a great way to get variety, but you may not get the specific details you want.

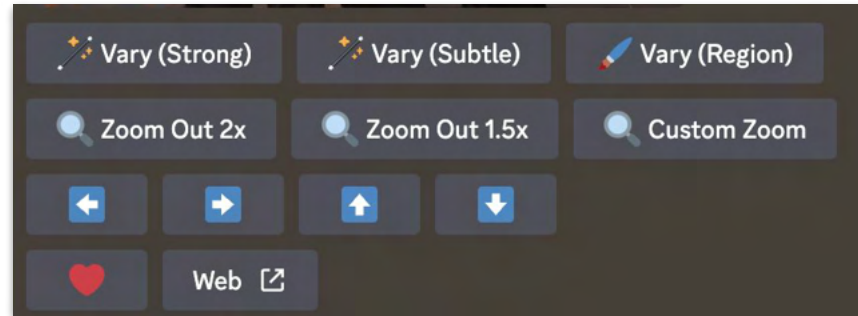
Try to be clear about any context or details that are important to you. Think about:

- **Subject:** person, animal, character, location, object, etc.
- **Medium:** photo, painting, illustration, sculpture, doodle, tapestry, etc.
- **Environment:** indoors, outdoors, on the moon, in Narnia, underwater, the Emerald City, etc.
- **Lighting:** soft, ambient, overcast, neon, studio lights, etc.
- **Color:** vibrant, muted, bright, monochromatic, colorful, black and white, pastel, etc.
- **Mood:** Sedate, calm, raucous, energetic, etc.
- **Composition:** Portrait, headshot, closeup, birds-eye view, etc.

Use Collective Nouns

Plural words leave a lot to chance. Try specific numbers. "Three cats" is more specific than "cats." Collective nouns also work, "flock of birds" instead of "birds."

Upscaling, Zoom Out, Reruns, and Variations



Vary region



Advanced Prompt Parameters

Parameter List

Parameters are options added to a prompt that change how an image generates. Parameters can change an image's [Aspect Ratios](#), switch between Midjourney [Model Versions](#), change which [Upscaler](#) is used, and lots more.

Parameters are always added to the end of a prompt. You can add multiple parameters to each prompt.

```
/imagine prompt a vibrant california poppy --aspect 2:3 --stop 95 --no sky
```

Using an Apple device?

Many Apple devices automatically change double hyphens (--) to an em-dash (—). Midjourney accepts both!

Basic Parameters

Aspect Ratios

`--aspect` or `--ar` Change the aspect ratio of a generation.

Chaos

`--chaos <number 0-100>` Change how varied the results will be. Higher values produce more unusual and unexpected generations.

Image Weight

`--iw` Sets image prompt weight relative to text weight. The default value is `--iw 0.25`.

No

`--no` Negative prompting. `--no plants` would try to remove plants from the image.


Learning in public...

#general-1 General purpose bot room #1 - Type /imagine and describe what you want to draw. See the #docs channel for more information.

13 new messages since 11:00 AM


U1 U2 U3 U4
V1 V2 V3 V4

10:54 AM 5 teens buying tickets, fashion clothes colors pink, white background yellow and orange, photorealistic --v 5.1 --q 5 --s 1000 --upbeta --ar 3:2 - @LinoPt (fast)



U1 U2 U3 U4
V1 V2 V3 V4

in modern style - @Alessandro Di Nicola (fast)



U1 U2 U3 U4
V1 V2 V3 V4

Midjourney Bot Françoise Hardy realistic - @HOMER (fast)
Midjourney Bot


Imagine prompts



/blend prompts


image1 First image to add to the blend

image1




Drag and drop or click to upload file

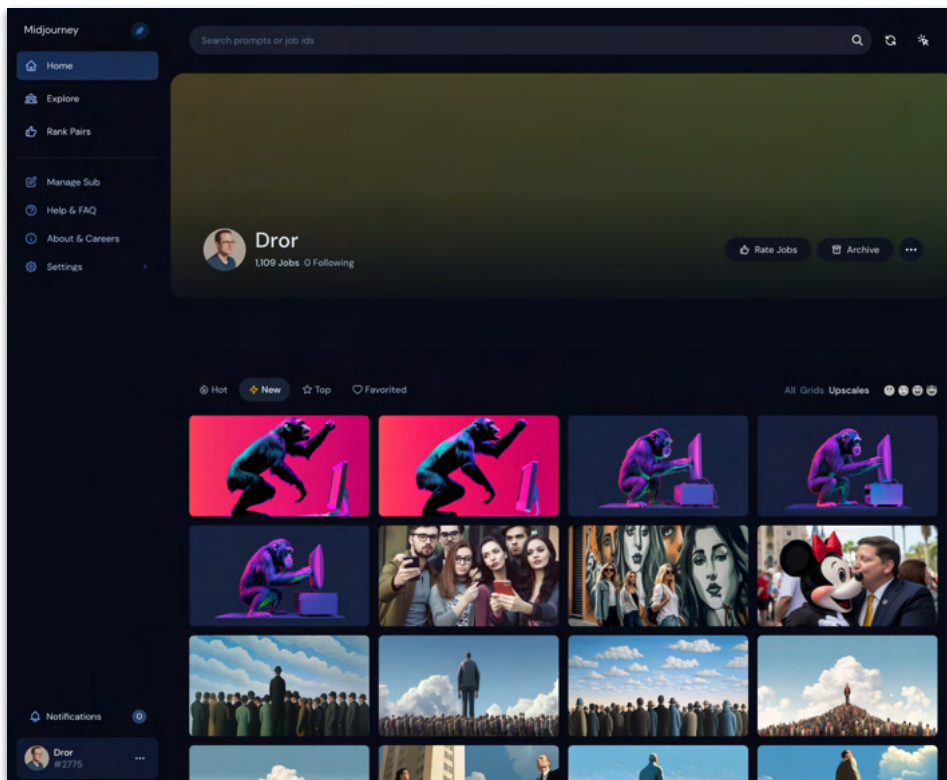
image2



Drag and drop or click to upload file

 /blend +4 more

The Midjourney Web App



Find prompts and inspiration

Ai Valley Home AI Tools Prompts News Submit

Discover well curated ChatGPT Prompts For Any Use

Newly Added Prompts

- Twitter Thread Idea**
Content Creation Prompt
Create me 10 best Twitter thread ideas by analyzing this
[View Prompt](#)
- Certified pet behaviorist**
Assistant Prompt
As a certified pet behaviorist, your mission is to guide
[View Prompt](#)
- AIDA: Attention, Interest, Desire, Action**
Copywriting Prompt
I am selling [PRODUCT / SERVICE] I need to write [INSERT] Use
[View Prompt](#)

Category filters: All, Coding Prompt, Idea Prompt, Marketing Prompt, Assistant Prompt, Content Creation Prompt, Health Prompt, Screenwriter Prompt, Cooking Prompt, Copywriting Prompt, Productivity Prompt, Storytelling Prompt, Travel Prompt, Business Prompt, Email Prompt, Education Prompt, Writing Prompt, Design Prompt, Career Prompt, Fun Prompts

PromptBase Search Prompts Marketplace Generate Hire Login Sell

AI Models Art & Illustrations Logos & Icons Graphics & Design Productivity & Writing Marketing & Business Photography Games & 3D

Midjourney, ChatGPT, DALL-E, Stable Diffusion, Llama Prompt Marketplace

Search 100,000+ top AI prompts. Produce better outputs, save on time & API costs, sell your own prompts.

[Find a prompt](#) [Sell a prompt](#)

Featured in: TechCrunch, THEVERGE, IFTTT, FST@COMPANY, FINANCIAL TIMES, iStock, yahoo!Finance, WSJ

Featured Prompts

- Comical Cartoon Characters \$3.99
- Colored Manga Style Characters \$4.99
- Crazy Textheavy Images \$3.99
- Model Photo Sessions \$2.99
- Items Summer Ripe Fruit

Hottest Prompts

- Midjourney Art
- Midjourney Halloween
- Midjourney Interior
- Midjourney Portrait
- Midjourney Animal

Who owns the output?

~ You if you have a paid account.

But others can use/remix it.

Is there legal risk?

Yes

Activity — 4 minutes:

Create a Discord + MidJourney Account.

Generate an image that captures your current mood.




Here's my homework



Create a Pixar Character

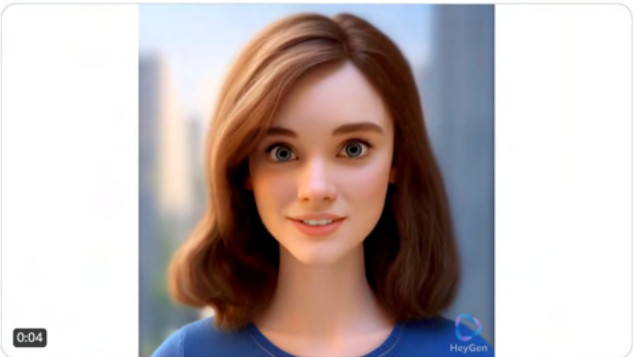
(and learn from a Tweet!)

 **Justine Moore** ✓
@venturetwins

I found the perfect long weekend project: turn yourself into a Pixar character.






It takes <15 minutes and three tools ([@midjourney](#), [@elevenlabs](#), [@HeyGen_Official](#)), all of which you can use in-browser.


And it's a real crowd pleaser with friends / family!



5:20 PM · May 28, 2023 · **815.6K** Views

397 Retweets **43** Quotes **2,536** Likes **4,420** Bookmarks

 Tweet your reply Reply

Next Week



~~Session 1: Fundamentals and orientation~~



~~Session 2: Working with words and images~~



Session 3: Analyzing and visualizing data



Session 4: Automation, APIs, Privacy & broader implications



Session X: Reinforcement & Support

Thank you!

