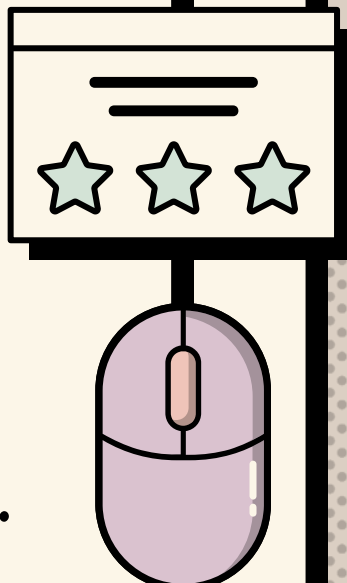
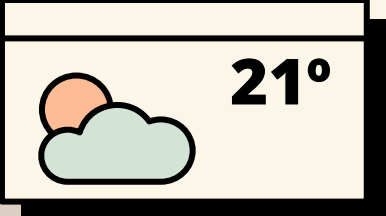
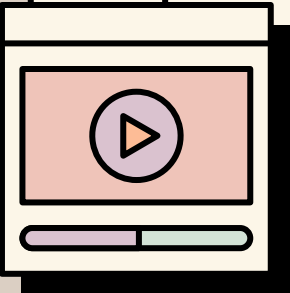




AI Skills = Future Success

Get Ahead of the
Curve in the Age of
Artificial Intelligence

>>>>

~~~~~  
.....



# How often do you use AI?

- 20-30 generations daily
- <10 generations daily
- <10 generations per week
- Never



# How AI Helps You?

- Brainstorming ideas
- Researching information
- Writing assistance (grammar, style)
- Creating images/graphics
- Learning new concepts



# Why AI is Popular to Students?

- Saves time on assignments
- Helps overcome writer's block
- Provides personalized learning support
- Makes learning more engaging



# For example

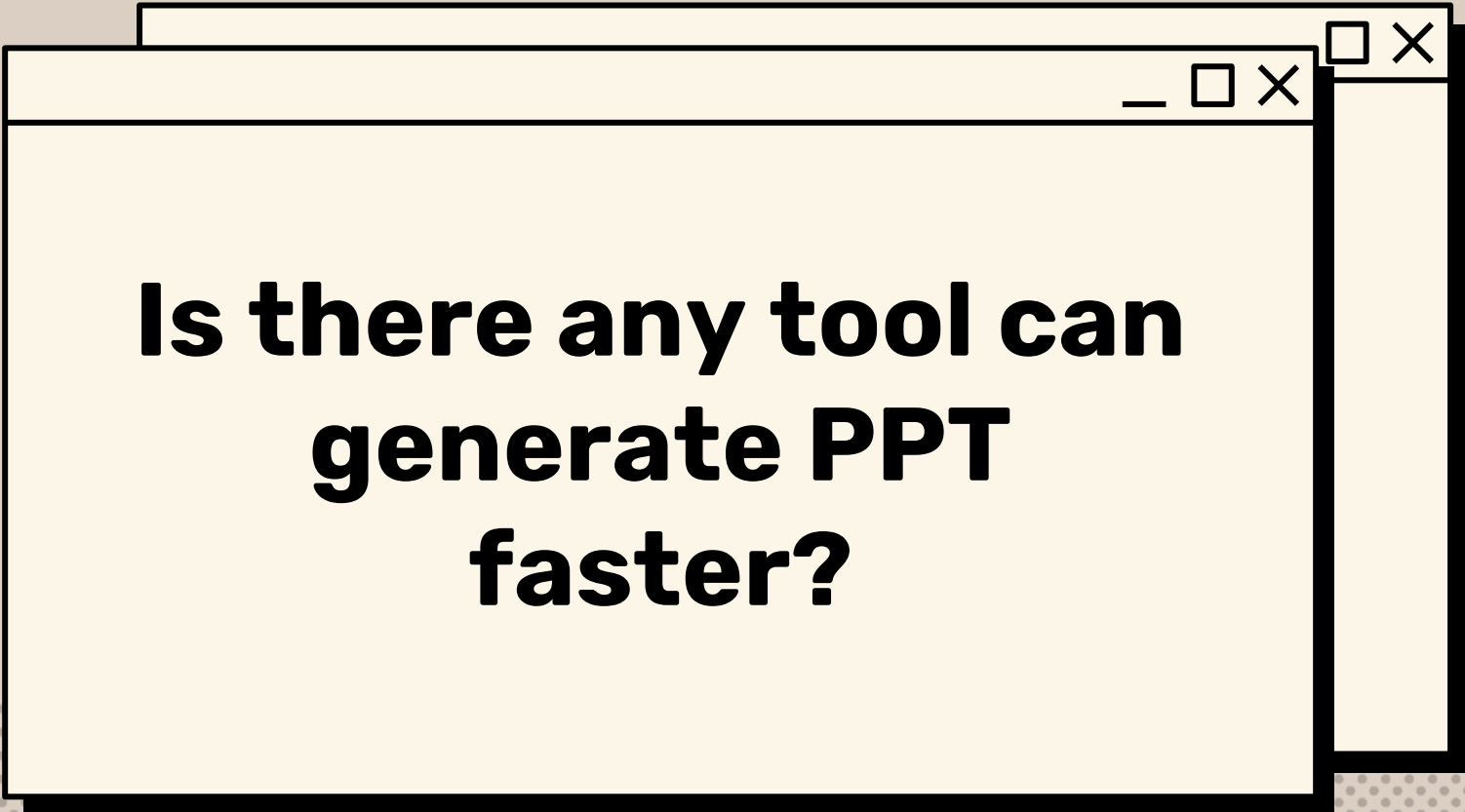
- Generate ideas & images for presentations
- Summarize large content into point forms
- Assist on writing essays



# Difficulties

- Requires time to learn and interact effectively
- Detailed prompt engineering needed for optimal results
- Inconsistent graphic output (if generating images)





**Is there any tool can  
generate PPT  
faster?**

# Gamma AI

- **Gamma AI provides a powerful AI platform that can revolutionize the way people prepare PowerPoint presentations.**
  - **Generate content based on simple prompts.**
  - **Automatically optimize PPT layouts.**
  - **Create professional presentations using AI-recommended themes and designs.**

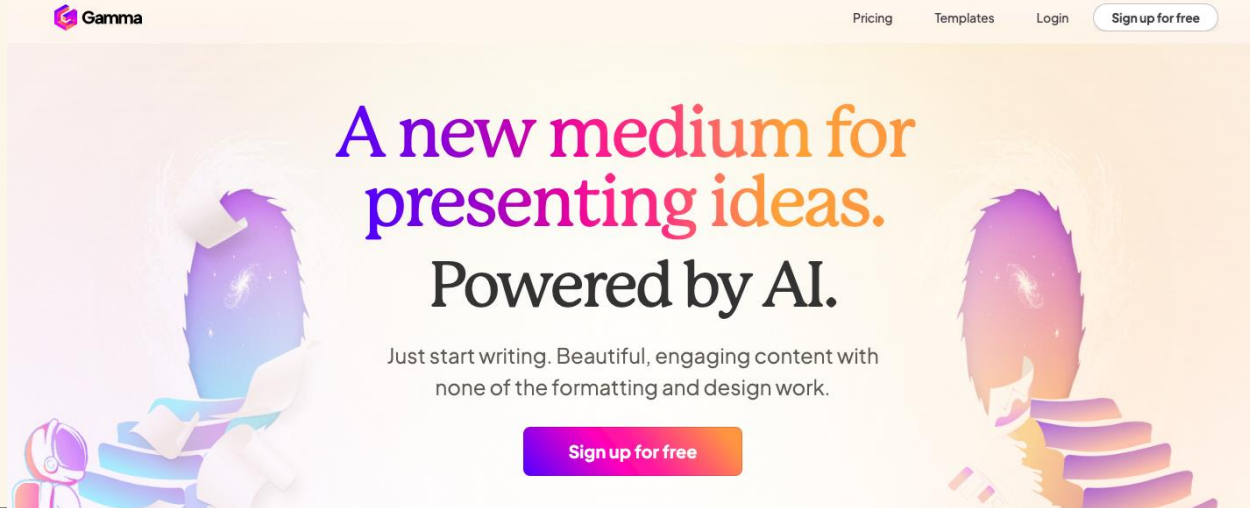


# **Benefits of using Gamma AI**

- **Saves Time:** Automates slide creation for faster results.
- **Ensures Consistency:** Creates visually appealing presentations with uniform design.
- **Offers Smart Suggestions:** Provides AI-driven recommendations for content and formatting.

# Register

1. <https://gamma.app/>
2. Click "Sign up for free"



# Register

## 3. Click "Continue with Google"



**Sign up**

 Continue with Google

or

Email

Already have an account? [Sign in](#)

By signing up for Gamma you acknowledge that you agree to Gamma's [Terms of Service](#) and [Privacy Policy](#).

Step 1 / 2

## Welcome to Gamma

To get started, give your workspace a name.

 Team or company  **Personal**

Workspace name

**Create workspace**

P.S. You can always switch these settings later 👍



 Home

# Create with AI

How would you like to get started?



## Paste in text

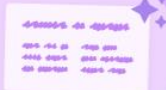
Create from notes, an outline, or existing content



 Popular

## Generate

Create from a one-line prompt in a few seconds



## Import a file

Transform or enhance existing docs and presentations



# Dashboard

Samuel Hong's W... ▾

Jump to  Ctrl+K

All gammas

Sites BETA

Folders +

Organize your gammas by topic and share them with your team

[Create or join a folder](#)

 **Templates**

 Inspiration

 Themes

 Custom fonts

 Trash

 Invite to workspace

 **310 credits**

 Contact support

 Share feedback

**PRO** Upgrade to Gamma Pro

Unlock unlimited AI and remove Gamma branding

## Create a PPT with AI

All gammas

**+ Create new AI** + New from blank Import ▾

All Recently viewed Created by you Favorites

Grid List

6 Thinking Hats Brainstorming

Copy of 6 Thinking Hats Brainstorming

Created by you  
Last viewed 2 hours...

Exploring Blockchain Applications and Risks

Exploring Blockchain Applications and Risks

Created by you  
Last viewed 2 hours...

Gamma Tips & Tricks

Gamma Tips & Tricks

Created by you  
Last viewed 2 hours...

Download templates for creating a PPT by yourself

Total 400 credits, each AI generated PPT costs 40 credits

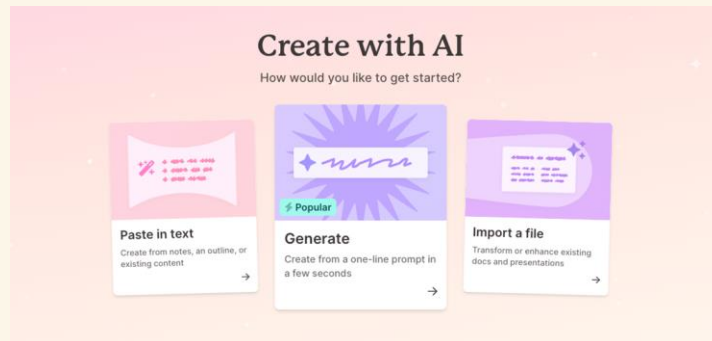
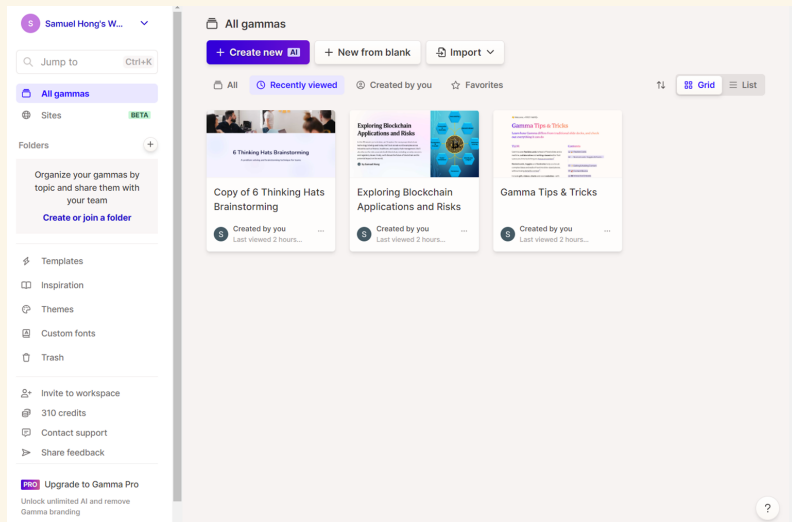
# Import your file

- Problem: Converting docs/reports to PPT is time-consuming (condensing info, formatting, finding images).
- Solution: Import files into Gamma AI.
- Result: Automatic conversion to organized, visually appealing PPT.

# Import a file

Step 1: Click “Create new AI” on Dashboard

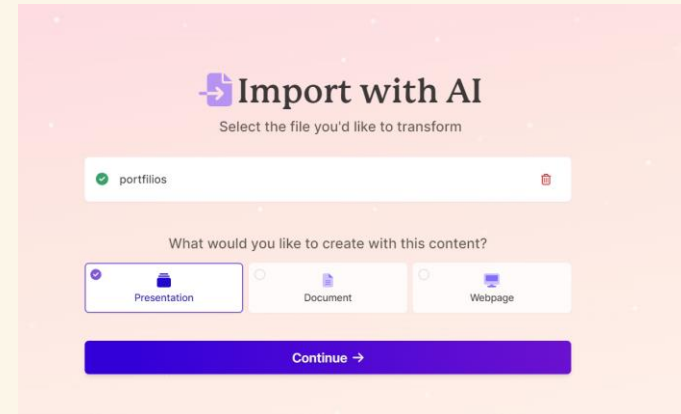
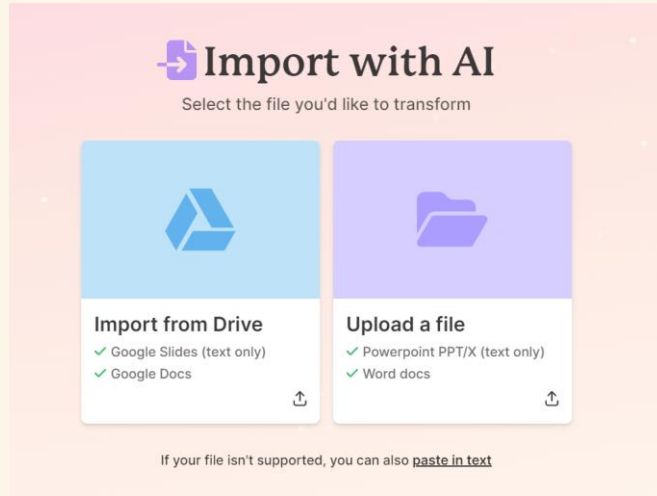
Step 2: Click “Import a file”



# Import a file

Step 3: Upload a file

Step 4: Click “Presentation” and Continue



# Import a file

## Step 5: Change the setting and Split into cards

The screenshot displays the 'Import a file' interface, specifically the 'Split your content into cards' step. The interface is divided into three main sections: Settings, Content, and Prompt editor.

**Settings:** This section on the left contains options for 'Text content' (Generate, Condense, Preserve), 'Max text per card' (Brief, Medium, Detailed), 'Output language' (English (UK)), 'Images' (Web image search - All images), and 'Format' (Presentation). A token count of 4910/5000 is shown at the bottom.

**Content:** This central section shows the 'Split your content into cards' dialog with a 'Yes, split for me' button. Below the dialog, the 'Card-by-card' setting is selected. The content is displayed in a list of cards. The first card contains the text: 'Name of Nominee: Hong Tsz Lam, Samuel', 'Course/Programme Taught: Mathematics & IT and Digital Literacy', and 'Statement of teaching responsibilities'. The second card contains the text: 'I taught Mathematics in Diploma of Yin Jin and IT and Digital Literacy in Higher Diploma this year. I was a part-time instructor at HKCT in AY1819. I taught and coordinated 6 Mathematics and 2 Maths Plus classes of around 30 students in each class at the Diploma Yi Jin Level. I devised and revised teaching materials and assessments.'

**Prompt editor:** This section on the right shows the 'Card-by-card' setting. The content is displayed in a list of cards. The first card contains the text: 'Name of Nominee: Hong Tsz Lam, Samuel', 'Course/Programme Taught: Mathematics & IT and Digital Literacy', 'Years of Teaching Experience: 4', and 'Years of Teaching at HKCT: 3'. The second card contains the text: 'Statement of teaching responsibilities', 'I taught Mathematics in Diploma of Yin Jin and IT and Digital Literacy in Higher Diploma this year. I was a part-time instructor at HKCT in AY1819. I taught and coordinated 6 Mathematics and 2 Maths Plus classes of around 30 students in each class at the Diploma Yi Jin Level. I devised and revised teaching materials and assessments.'



# Import a file

## Step 6: Continue and Generate

**PRO** Upgrade to Pro to generate up to 25 cards.

—

10 cards

+

Continue

40 @

→

← Back

This is a heading



Hello 🤖

This is a theme preview

This is body text. You can change your fonts, colors and images later in the theme editor. You can also create your own custom branded theme.

Your accent color will be used for links.  
It will also be used for layouts and buttons.

This is a smart layout: it acts as a text box.

You can get these by typing /smart

Here are your buttons:

Primary button

Secondary button

This is body text. You can change your fonts, colors and images later in the theme editor. You can also create your own custom branded theme. What's more, you can create multiple themes and switch between them at any time.

Pick a theme

Generate

Shuffle theme

Dark

Light

Professional

Colorful

Oatmeal

Title

Body & link

Sanguine

Title

Body & link

Sage

Title

Body & link

Verdigris

Title

Body & link

Ash

Title

Body & link

Coal

Title

Body & link

?

# Edit with AI

You can give it commands, and the AI will help edit your PowerPoint.

1. Change the background
2. Expand with more detail
3. Shorten this paragraph
4. Split it into two parts

👋 Hi Samuel, I'm your AI design partner. Click on a card and then type below to have me change it. I'm still in beta testing, so please be patient with me.

Here are some ways I can help:

Expand on this with more detail

Make this sound more professional

Add another card

Give me a more exciting way to say this

Italicize the key words

Turn this into a haiku

Change this card



👤 310 credits 🔄

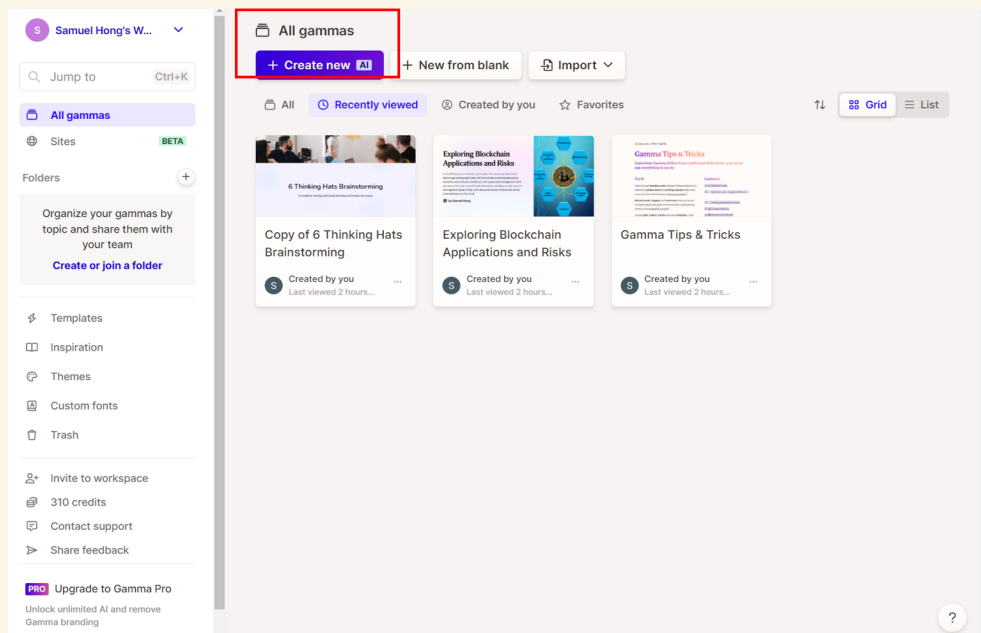
# Combine with ChatGPT

- You can use ChatGPT to revise the output, for example, to elaborate, shorten, or split it into bullet points.
- You can find a free version of ChatGPT on platforms like POE or through EdUHK.



# AI generate

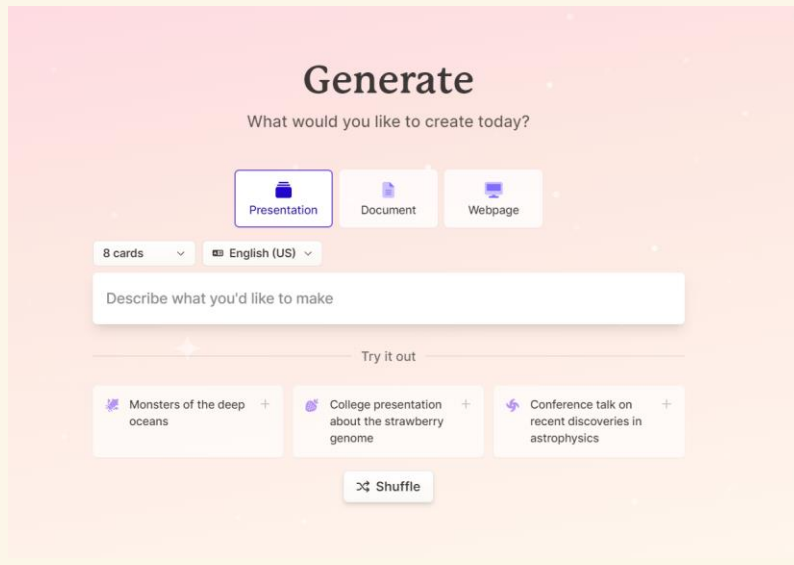
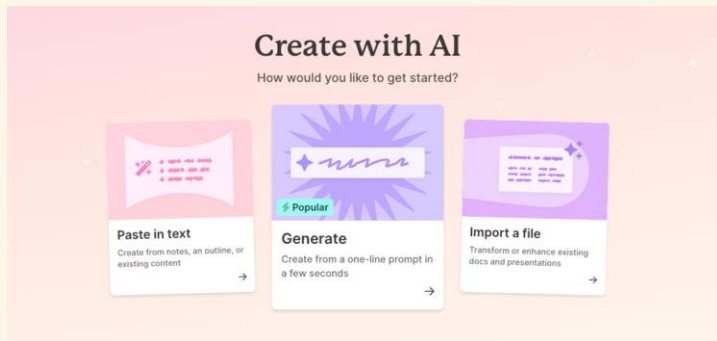
- Step 1: **Click Create new AI**

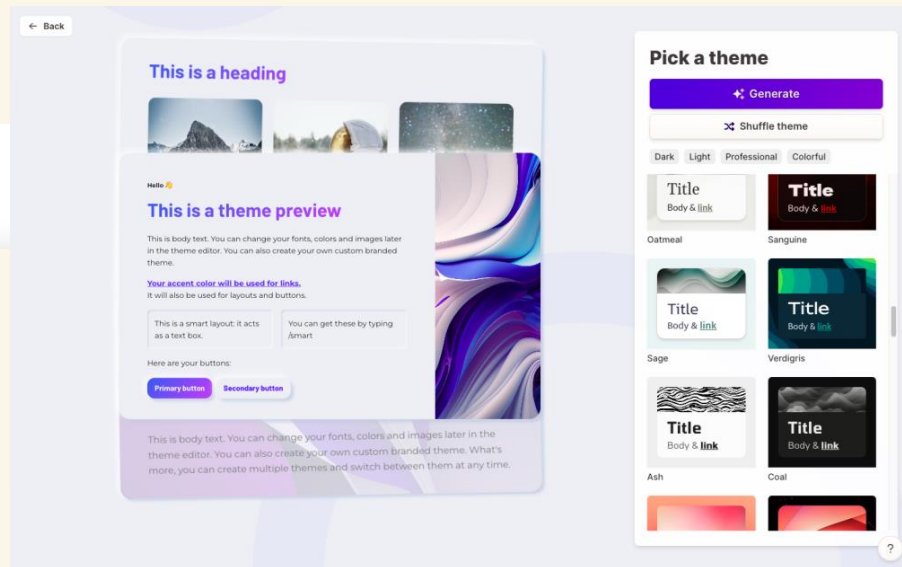


# AI generate

Step 2: **Click Generate**

Step 3: **Describe what you'd like to make**





# Further Functions (Share)

Theme



Share



Present



0



Collaborate Share Export Embed Add site...

Search Add emails or people

Only those invited can open the link to this gamma.

Workspace members No access

Samuel Hong (You) Full Access

View analytics Done

Collaborate Share Export Embed Add site...

Let anyone view a read-only version of this gamma.

Anyone with the link Can view

https://gamma.app/docs/Exploring-Blockchain-Applications-and-Risks-4s7u6 Copy link

Show Made with Gamma badge PLUS

View analytics Done

# Further Functions (Analytics)



## Analytics

Includes all views for Exploring Blockchain Applications and Risks since it was created on August 3rd, 2023

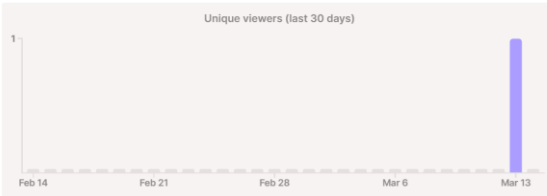
Page views

Card engagement

Only you have seen this. [Share it with others](#) to track views and engagement.

### Page views

Everyone (1)



1 unique viewer (all time)

Last opened

Cards viewed

Samuel Hong (You)  
shong@study.hkmu.edu.hk

Creator

Today at 1:53 pm

7/7

Upgrade to Gamma Pro

Upgrade to unlock analytics for all individual viewers and collaborators

Upgrade

from \$15/mo

Share this

Done

Includes all views for Exploring Blockchain Applications and Risks since it was created on August 3rd, 2023

Page views

Card engagement

Only you have seen this. [Share it with others](#) to track views and engagement.

## Card engagement

Everyone (1)

Time spent

Viewed

The average relative distribution of time spent across all cards, based on 1 unique viewer.

Less time spent

More time spent

Exploring Blockchain Applications and Risks

Smart Contracts: The Game-Changer

Exploring Ethereum and NFT

The Risks and Drawbacks of Blockchain

Real-life Examples of Blockchain Misuse

Future Potential of Blockchain Technology

Conclusion

# Further Functions (More)

are **Present** 0

Exploring Blockchain Applications and Risks  
Created August 3rd, 2023  
by Samuel Hong

Undo **Ctrl+Z**

Version history...

Page setup...

Export...

Add site...

Duplicate this gamma

Delete this gamma

## Page setup

**Cards** Background Preview

**Card size**  
Sets a minimum card height and aspect ratio. Cards can still grow taller, but guides will appear.  
Fluid

**Wide content**  
Default to wide cards. Ideal for visual content and presentations. Text-heavy content may be less legible.

**Full-bleed cards**  
Default to full-bleed cards, like sections of a landing page. Ideal for webpages.

**Show card backdrops**  
Include the card backdrops or page background in present mode and PDF/PPT export.

**Animations**  
Turn on animations for present mode and read-only viewers accessing your gamma.

## Share Exploring Blockchain Applications and Risks

Collaborate Share **Export** </> Embed Add site...

Download a static copy of your gamma to share with others.

**Export to PDF**

**Export to PowerPoint**

For fonts to display correctly in PowerPoint, you may need the following fonts:  
Adonis Source Sans Pro

Tip: you can control card sizing and backdrops in [page setup](#).

Show Made with Gamma badge **PLUS**

[View analytics](#) **Done**



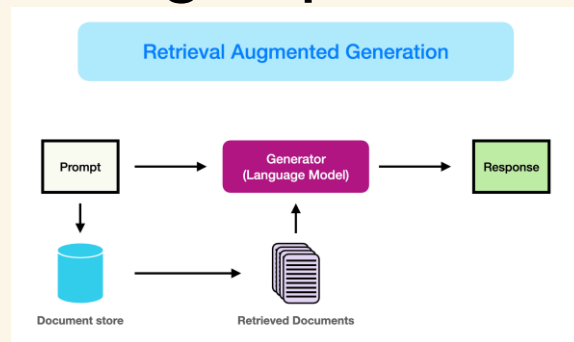
# Limitations of Common GPT Models

- Outdated Database
- Weak/Wrong References



# RAG (Retrieval Augmented Generation)

- RAG is an innovative framework that combines the strengths of LLMs with an external retrieval mechanism.
- This allows models to access up-to-date information from external sources before generating responses.



# Perplexity AI

- Advanced AI search engine
- Accesses current information from the internet
- Retrieves data from scholarly sources



# Perplexity AI

- **Nvidia CEO Jensen Huang uses Perplexity AI 'almost every day'**

(Mark Tyson. "Nvidia CEO Jensen Huang uses Perplexity AI 'almost every day' – ChatGPT is also a favorite." Tom's Hardware, 24 Feb. 2024, [www.tomshardware.com/tech-industry/artificial-intelligence/nvidia-ceo-jensen-huang-uses-perplexity-ai-almost-every-day-chatgpt-is-also-a-favorite](https://www.tomshardware.com/tech-industry/artificial-intelligence/nvidia-ceo-jensen-huang-uses-perplexity-ai-almost-every-day-chatgpt-is-also-a-favorite) )



(Image credit: Nvidia)

# Registration

- <https://www.perplexity.ai/>
- Login with Google



Sign in or create an account

Unlock Pro Search and History

 Continue with Google

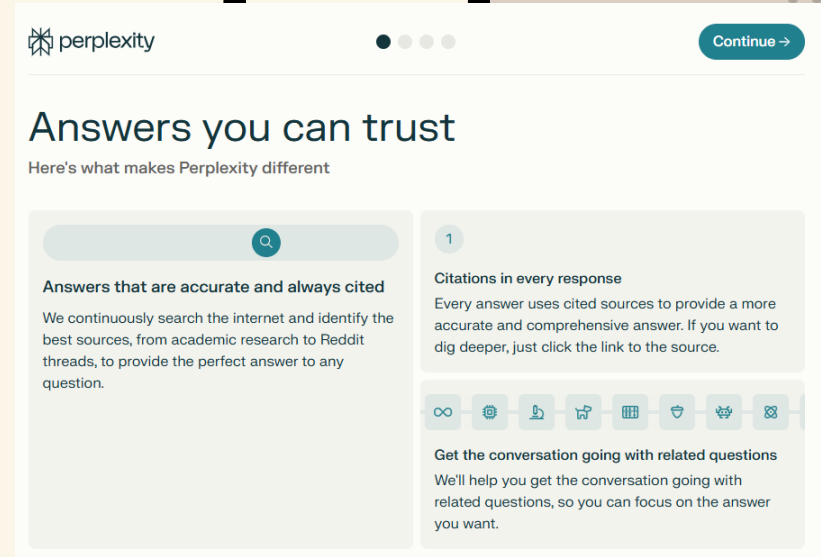
See all options (Apple, SSO) ▾

Enter your email

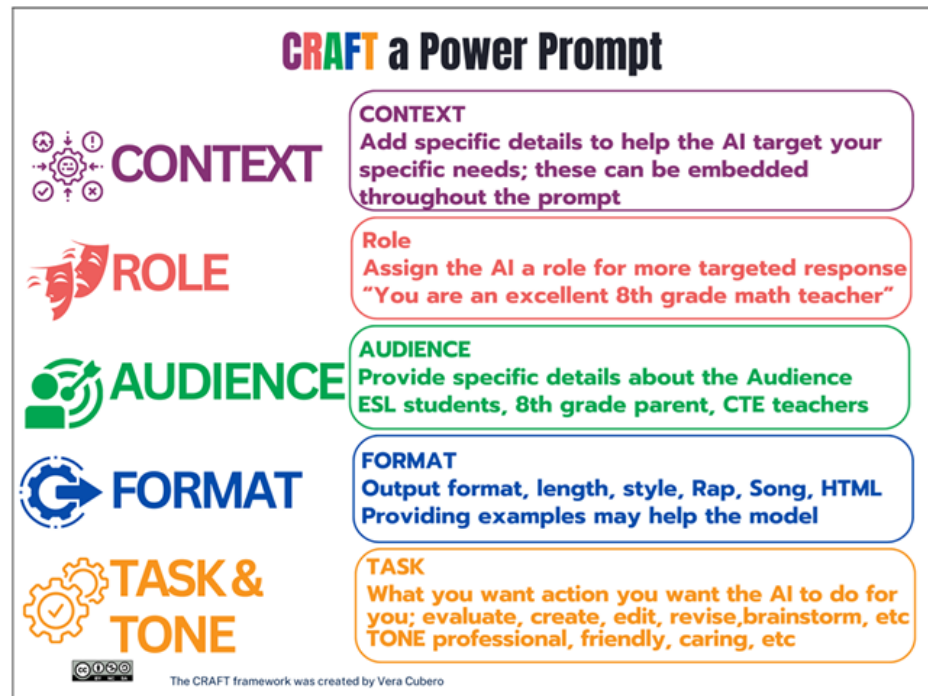
Continue with email >

# Compare with ChatGPT

- Provide answers with cited sources to help deepen the exploration of the issue



# How to write a good Prompt



North Carolina Department of Public Instruction. (2024, January 16). *Generative AI Implementation Recommendations and Considerations for PK-13 Public Schools*. <https://www.dpi.nc.gov/press-release/ncdpi-generative-ai-implementation-recommendations-and-considerations-pk-13-public-schools/download>

# **Please ask Perplexity the following questions**

1. What is Deepseek
2. I am a university lecturer, and I would like to introduce Deepseek to my students, focusing on its key features and architecture within 15 minutes. Since they are not familiar with AI, please use simple wording; metaphors are recommended.

# Question 1

## What is Deepseek

DeepSeek - Wikipedia

w en.wikipedia

DeepSeek: The Chinese AI app that has the worl...

bbc

deepseek-ai (DeepSeek) - Hugging Face

huggingface

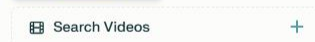
+4 sources

### Answer

**DeepSeek** is a Chinese artificial intelligence company based in Hangzhou, Zhejiang, founded in July 2023 by Liang Wenfeng, co-founder of the hedge fund High-Flyer <sup>1</sup>. The company specializes in developing large language models (LLMs) and has gained significant attention for its cost-effective approach to AI development.

#### Key Features and Achievements:

- **Low-Cost Development:** DeepSeek's models are developed at a fraction of the cost compared to competitors like OpenAI. For instance, its V3 model was trained for approximately \$6 million, significantly less than the hundreds of millions spent by other companies <sup>1</sup> <sup>2</sup>.
- **Performance:** DeepSeek's models, such as DeepSeek-R1, offer performance comparable to leading models like OpenAI's GPT-4, despite the lower development costs <sup>1</sup>.
- **Technological Innovations:** DeepSeek incorporates advanced technologies like Mixture of Experts (MoE) and multi-head latent attention in its models, enhancing efficiency and reducing memory usage <sup>1</sup>.
- **Market Impact:** The release of DeepSeek's chatbot app in January 2025 led to it becoming the most downloaded free app on the US iOS App Store, causing significant market fluctuations, including a drop in Nvidia's stock price <sup>1</sup> <sup>2</sup>.



# Question 2

What is Deepseek?  
Differences from...

k. kalm

Everything About  
DeepSeek: Key Feature...

popai

LLM (ML) Job Interviews  
- Resources - Mimansa...

mimansajaiswal.gith...

+5 sources

## Answer

Introducing DeepSeek to your students can be engaging and straightforward. Here's a simplified explanation of its key features and architecture, using metaphors to help them understand:

### Introduction to DeepSeek

Imagine you're in a vast library with millions of books. Traditional search engines are like librarians who find books based on keywords. DeepSeek is like a super-smart librarian who not only finds books but also understands what you're looking for, why you need it, and even suggests related books you might not have thought of.

### Key Features of DeepSeek

- Advanced Data Analysis:** DeepSeek is like a powerful microscope that helps you see the details in a large dataset. It uses artificial intelligence (AI) to analyze data from many sources, making it easier to understand complex information.
- Natural Language Processing (NLP):** Think of NLP as a translator who understands what you mean, not just what you say. DeepSeek uses NLP to interpret your questions and provide relevant answers.
- Real-Time Processing:** Imagine having a super-fast computer that can process information instantly. DeepSeek can analyze data in real-time, which is useful for applications that need quick responses.
- Mixture-of-Experts (MoE) System:** Picture a team of experts, each specializing in a different area. DeepSeek's MoE system is like this team, where only the relevant experts are called upon to solve a problem, making it efficient and accurate.
- Multi-Head Latent Attention (MLA):** This feature is like having multiple spotlights that shine on different parts of a complex problem, helping DeepSeek understand it better.

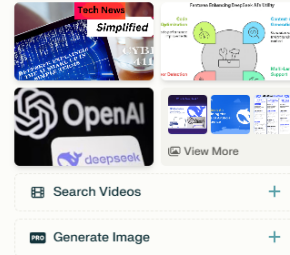
Let me explain why DeepSeek R1 broke the internet (in simple terms):

Deepseek is just as good, if not better, than ChatGPT and costs 3% of the price.

Deepseek took 2 months and less than \$6 million to build, with outdated chips and a small team of <200 people.

Meanwhile, OpenAI was founded 10 years ago, raised \$6.6 billion in capital, and has 4,500 employees.

DeepSeek is the black swan that OpenAI and



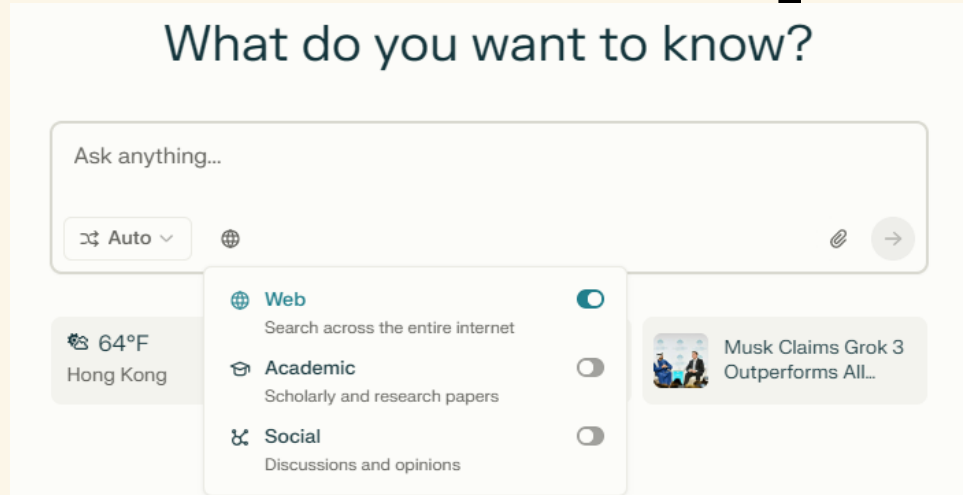
# Tips

1. Need to verify the wordings (It uses GPT 3.5 to summarize information in the free version)
2. Need to verify the links



# Furthermore

You can choose a specific group of references



# Academic Search

The concept of deep learning

## 🔍 Sources

Critically Analysing the  
Concept of Deep  
Learning and How it...

 semanticscholar

Lane detection using the  
concept of Deep learning  
and Digital image...

 semanticscholar

THE CONCEPT OF DEEP  
LEARNING:  
RECOGNIZING...

 semanticscholar



Show all

## 📖 Answer

### Overview of Deep Learning

Deep learning is a subset of machine learning that utilizes artificial neural networks with multiple layers to model complex patterns in data. It has gained prominence due to its ability to handle vast amounts of unstructured data, making it essential in various applications, including image and speech recognition, natural language processing, and autonomous systems.

### Key Components of Deep Learning

#### 1. Neural Networks:

- Deep learning primarily relies on **artificial neural networks (ANNs)**, which are inspired by the biological neural networks in the human brain. These networks consist of layers of interconnected nodes (neurons) that process input data through weighted connections.

# Video Search (App version)

The next james bond

## 🔗 Sources

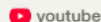
Aaron Taylor-Johnson  
Rumored to Be the Next  
James Bond (Report)



NEXT 007 JAMES BOND  
- Top Contenders  
Breakdown - YouTube



Daniel Craig teases next  
James Bond at 2024  
Governors Awards



Show all

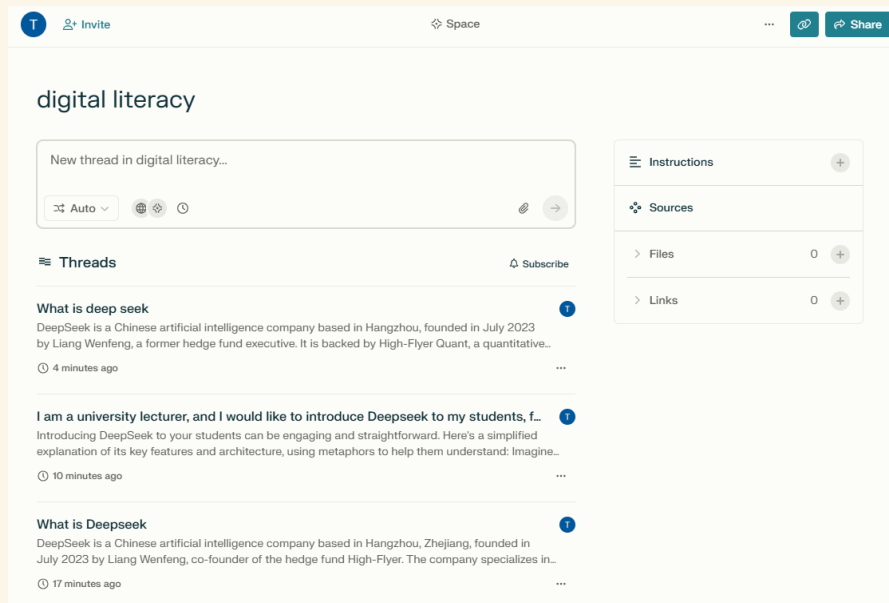
## 🌟 Answer

Aaron Taylor-Johnson is reportedly set to become the next James Bond, as he has been officially offered the role and is expected to sign his contract soon. This news follows Daniel Craig's departure from the iconic role after five films, with Craig having announced his retirement from the character in 2021 .

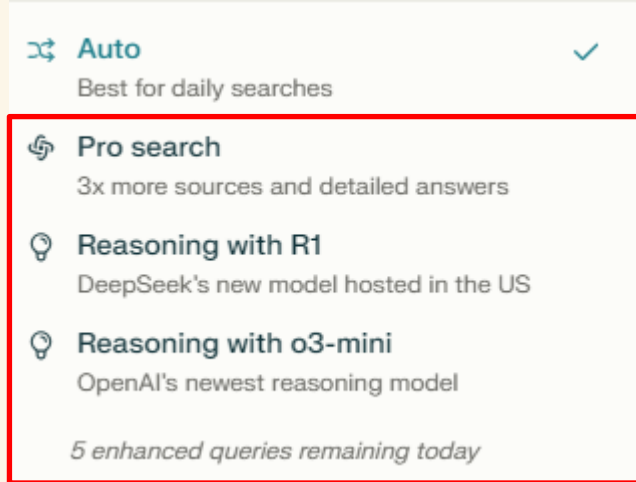
The producers of the Bond franchise, Barbara Broccoli and Michael G. Wilson, have emphasized the importance of finding an actor who can commit to multiple films, which is a significant consideration in the casting process .

# Space

- **Organize:** Save research, sources, and insights in one place.
- **Collaborate and Share:** Exchange knowledge and perspectives for collective understanding.



# Different LLMs



The screenshot shows the Perplexity AI search interface. At the top, there is a search bar with the text "Auto" and a checkmark icon. Below the search bar, there are four options listed: "Auto" (Best for daily searches), "Pro search" (3x more sources and detailed answers), "Reasoning with R1" (DeepSeek's new model hosted in the US), and "Reasoning with o3-mini" (OpenAI's newest reasoning model). The "Pro search" option is highlighted with a red border. At the bottom of the list, it says "5 enhanced queries remaining today".

-  **Auto**   
Best for daily searches
-  **Pro search**  
3x more sources and detailed answers
-  **Reasoning with R1**  
DeepSeek's new model hosted in the US
-  **Reasoning with o3-mini**  
OpenAI's newest reasoning model

*5 enhanced queries remaining today*

**The DeepSeek model in Perplexity is hosted on servers based in the US and Europe, meaning that your data is not shared with the model provider or with China.**

**Furthermore, they have eliminated all censorship on answers. You can ask it about any topic, even ones that are censored on the DeepSeek app, giving you unbiased and accurate answers. (Perplexity, 2025)**

# Pro Search

Budget 2025: Taxpayers  
will see lower tax...  
 hongkongfp

Hong Kong SAR -  
Individual - Deductions ...  
 taxsummaries.pwc

9 Ways to Reduce Your  
Personal Tax in Hong...  
 hkcompanyregistrat...

 +17 sources

## Tax saving tips in Hong Kong

### ✧ Answer

Here are some tax-saving tips in Hong Kong:

#### 1. Mandatory Provident Fund (MPF) Contributions

- Deduction Limit: Up to HKD 18,000 per year.
- Benefit: Reduces taxable income, thus lowering your tax liability <sup>2</sup> <sup>3</sup> .

#### 2. Voluntary MPF Contributions and Qualifying Annuity Premiums

- Deduction Limit: Up to HKD 60,000 per year.
- Benefit: Additional tax savings on top of mandatory contributions <sup>2</sup> <sup>4</sup> .

#### 3. Charitable Donations

- Deduction Limit: Up to 35% of assessable income.
- Benefit: Encourages philanthropy while reducing taxable income <sup>2</sup> <sup>3</sup> .

#### 4. Home Loan Interest Deduction

- Deduction Limit: Up to HKD 100,000 (HKD 120,000 if residing with a child born on or after 25 October 2023) per year.
- Benefit: Reduces taxable income for homeowners <sup>2</sup> <sup>3</sup> .

# Deep Research

**Examine the effects of AI on employment trends across various industries. Include statistical data on both job displacement and job creation, and analyze the long-term implications for the workforce**

## Deep Research

35 sources

- found several reports and studies that outline the current trends in AI's impact on...
- I found valuable insights on the overall impact of AI on employment trends, including...
- I have gathered comprehensive information on AI's impact on employment trends...
- Okay, so I need to examine the effects of AI on employment trends across various...
- Next, the SEO.ai blog <sup>2</sup> cites that 14% of workers have already been displaced by AI...
- The Capacity Media article <sup>3</sup> says AI will create 12 million jobs by 2025, especially in...
- Nexford's article <sup>5</sup> references Goldman Sachs' prediction of 300 million jobs globally...
- The W Talent article <sup>6</sup> discusses healthcare roles created by AI, like Medical AI...
- The Inc.com article <sup>8</sup> highlights finance jobs being most changed by AI, with Citibank...
- Starting with an overview, then breaking down industries: tech, healthcare, finance. For...
- Long-term implications from <sup>4</sup> and <sup>5</sup> about GDP growth, unemployment trends, and...
- Check that all parts of the query are covered: statistical data on both sides, industry...
- Need to mention that while some jobs are lost, new ones emerge, and the net effect...
- Also, note the time frame differences—some sources talk about 2025, others 2030 or...
- Writing research report

Future of Jobs Report  
2025: These are the...  
weforum

AI Replacing Jobs  
Statistics: The Impact o...  
seo

Data: AI to create 12m  
new jobs by 2025 |...  
capacitymedia

+32 sources

## Answer

### The Transformative Impact of Artificial Intelligence on Global Employment Trends

The rapid integration of artificial intelligence (AI) into global industries is reshaping labor markets with unprecedented speed and scale. While AI-driven automation threatens to displace millions of jobs, it simultaneously fuels the creation of new roles and industries, necessitating a nuanced analysis of its net effects. Current projections estimate that AI could displace **9 million jobs** while creating **11 million new roles** by 2030 in data processing and AI-specific fields alone <sup>1</sup>. However, sector-specific impacts vary dramatically: finance faces a **50% automation risk** <sup>8</sup>, healthcare is experiencing a surge in AI-driven specialties <sup>6</sup>, and the tech sector grapples with both layoffs and demand for advanced technical skills <sup>2</sup> <sup>7</sup>. Long-term implications include a potential **7% increase in global GDP** <sup>5</sup> alongside structural shifts in workforce skills, requiring large-scale reskilling initiatives to bridge emerging gaps <sup>1</sup> <sup>4</sup>.

### Sector-Specific Impacts of AI on Employment

#### Technology and Data Infrastructure

The technology sector epitomizes AI's dual role as both disruptor and creator. While **136,831 tech jobs were lost in 2023** due to AI-driven efficiency gains <sup>2</sup>, demand for AI

# AI tools selection

## 1. Privacy and Security

- <https://gamma.app/privacy>
- Perplexity: <https://www.perplexity.ai/help-center/en/articles/10354855-what-data-does-perplexity-collect-about-me>

## 2. Easy to Use

## 3. Mobile friendly

## 4. Cost

