

Demystifying Generative AI

Session 3
**Generative AI – Introduction to
Gen AI Tools**

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What we will cover:

1. What tools are out there
2. What are the top tools we can use?
3. Demo – where, what & how
4. What about @ work
5. Where to go from here



What's out there?

Chatbot	Pros	Cons
Microsoft Copilot	Integration with Microsoft services	Image generation preference varies
Google Gemini	Multiple LLM options, audio capabilities	Text results compared to ChatGPT are not favored
OpenAI Chat GPT 4	More creative less hallucinations	Limited accessibility
Perplexity AI	Research-focused, anonymity	Limited public information
Anthropic Claude	Safety and user-friendly interface	Still in open beta
Meta AI	Strong integration with social media platforms, powerful image generation.	High costs, concerns over ethical use and privacy

Some for Text only!

Image Gen AI	Pros	Cons
OpenAI DALL-E 3	Highly advanced, capable of creating detailed images from text prompts	Access may be limited to subscribers; discontinued its predecessor, DALL-E 2
Image Creator from Microsoft Designer	High-quality results, powered by DALL-E 3, quick and convenient access.	Requires Microsoft Account
Midjourney	Produces high-quality, artistic images; operates within Discord for ease of use	Requires a subscription for full access; may have a learning curve for new users
Google Imagen	User-friendly; ideal for beginners and casual users	May not offer the same level of detail as other advanced tools
NightCafe	Offers a wide range of algorithms and options for image generation	The output quality can vary; uses credits for operations

Some for Image only!

Video Gen AI	Pros	Cons
Synthesia	Creates videos with digital avatars; suitable for educational and corporate videos	Limited to the avatars and scenes available within the platform
Runway	Comprehensive platform with tools for both beginners and professionals	Subscription required for full features; may be complex for new users
Descript	Offers script-based video editing and powerful content creation tools	Subscription-based; requires time to learn and master
Invideo AI	Generates videos from text prompts; extensive stock media library.	May have a learning curve for new users; limited customization options
Fliki	Tailored for social media content; easy to use.	May lack advanced features for professional video production.

Some for video only!

Open Source	Pros	Cons
Stable Diffusion	Can generate high-quality images from low-quality sources	Computationally intensive and time-consuming
Meta Llama 3	Encourages transparency and could increase public trust in AI	May give inconsistent answers without strict oversight
Mistral AI	Free to use and offers precise responses	May lack industry backers compared to other AI giants
GPT-2	High-quality text generation and free accessibility	Smaller model's limitations and need for a powerful machine for larger models
Bloom	First multilingual LLM trained in complete transparency	Potential ethical concerns regarding privacy and security
Grok AI	Innovative approach to AI with multi-domain expertise	Ethical and privacy concerns
Falcon	Integrated threat intelligence and able to manage thousands of endpoints	Imperfect against some threats



Demo Time!

Current GenAI assistants for consumers

[OpenAI ChatGPT](#)

[Google Gemini \(previously Bard\)](#)

[Microsoft Bing](#)

[Meta AI](#)

Coming Soon!

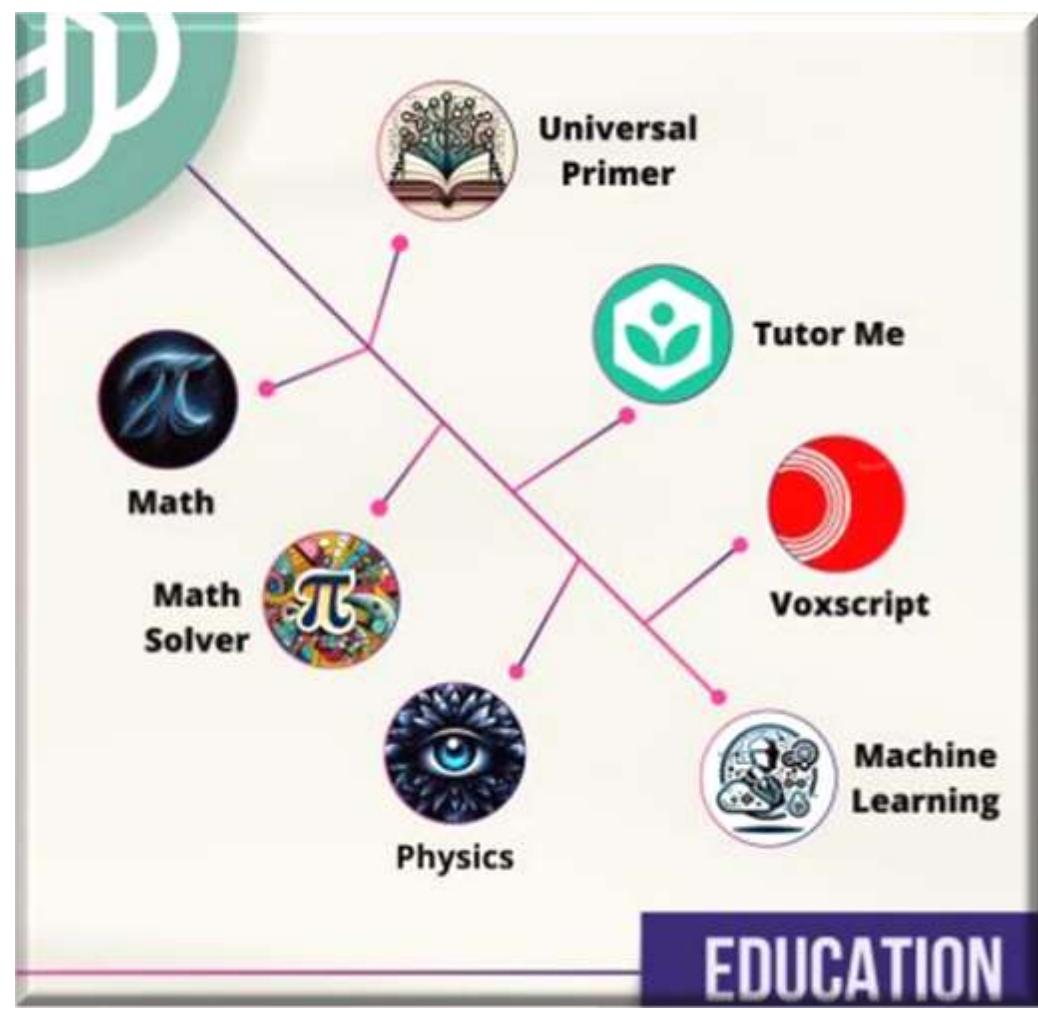
[OpenAI Sora – Text to Video](#)

[Microsoft Vasa – Image + Text to Video](#)

Resources - GPTs – source => www.mindstream.news



Resources based on ChatGPT – source => www.mindstream.news



**Questions?
Comments?**

**Feedback is a gift!
We welcome it!**

Please fill out the survey!



Next Steps!

LinkedIn Learning Path:

[Building Generative AI Skills for Business Professionals](#)

Points to Remember about Generative AI

General Guidelines for Proper Usage:

- 1. Understand the Tool:** Know how the AI tool works and the source of its training data.
- 2. Check for Copyright:** Before using an AI-generated image, verify that it does not infringe on existing copyrights.
- 3. Use Original Prompts:** When generating images, use unique prompts to reduce the risk of creating content that resembles copyrighted works.
- 4. Respect Privacy:** Avoid using personal data or likenesses without consent.
- 5. Stay Informed:** Keep up-to-date with the latest legal developments regarding generative AI.

Ethical Considerations:

- ***Transparency:*** *Be transparent about the use of AI-generated content.*
 - ***Accountability:*** *Take responsibility for the AI-generated content and its implications.*
 - ***Bias and Fairness:*** *Be aware of potential biases in AI tools and strive for fairness in content creation.*
- [It's important to note that the legal landscape is still being shaped, and new cases and regulations could significantly impact how generative AI tools should be used¹²³. Users should stay informed and consult legal experts when in doubt. Remember, while generative AI offers exciting possibilities, it also requires a new level of responsibility and awareness from all users.](#)*

Tools used in today's Demo

<https://chatgpt.com/> (login not required) text

<https://gemini.google.com/> (login required) text

<https://www.bing.com/> (login required) text/image

Meta - <https://www.meta.ai/> (login not required) text

OpenAI-Dall-e (also used in Microsoft Image Designer)

<https://openai.com/index/sora>

<https://www.synthesia.io/> (free)

Coming soon!

<https://www.microsoft.com/en-us/research/project/vasa-1/>