

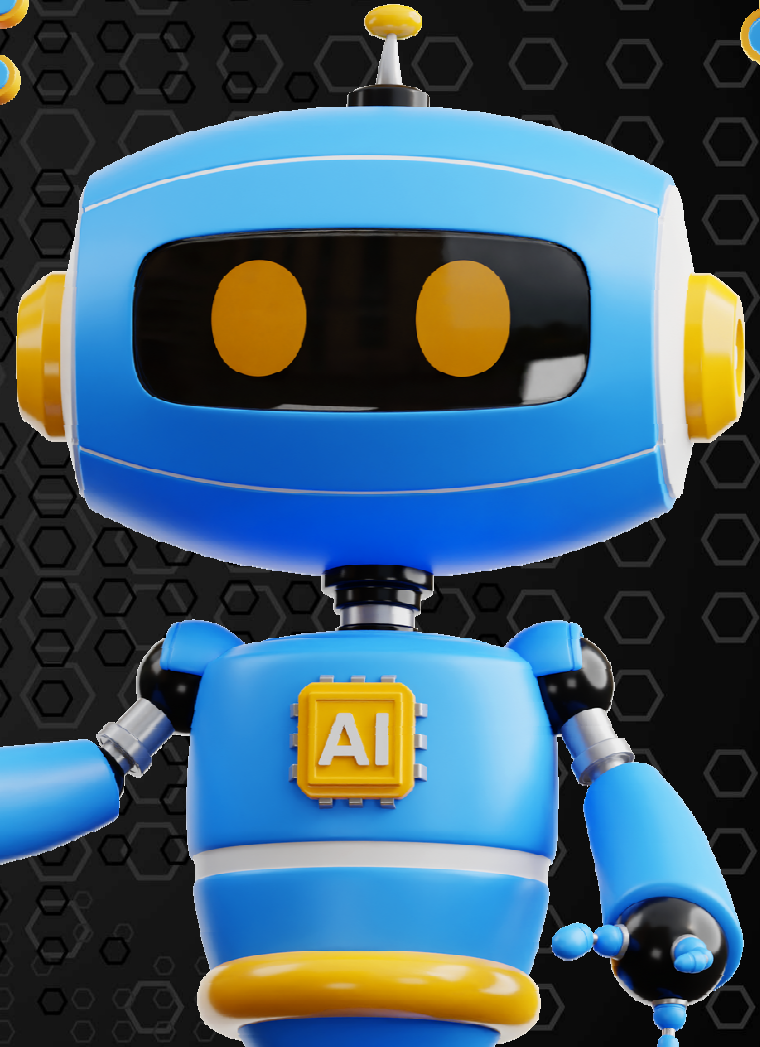


Artificial Intelligence IN TEACHING ENGLISH FOR CHILDREN

Mr. Trong Manh Nguyen
CTO - Master Learning Hub
Top 5 Microsoft MVP in Vietnam
Microsoft Certified Trainer



Bangkok, 04 - 06 January, 2024

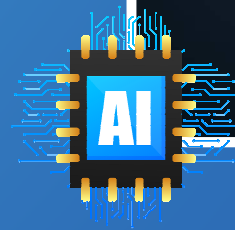
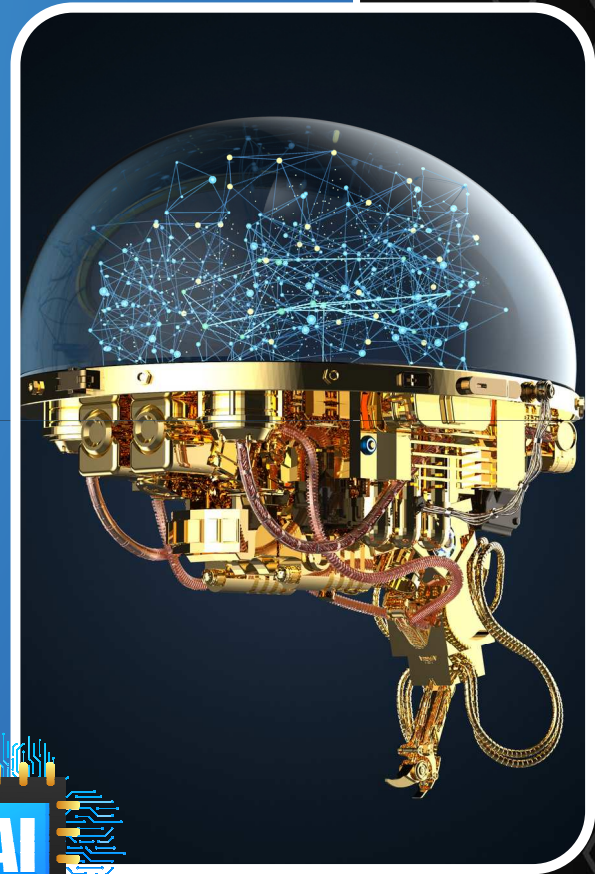


Machine Learning (ML)

This is the backbone of AI, where algorithms learn from data to make decisions or predictions.

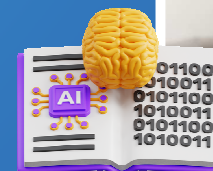
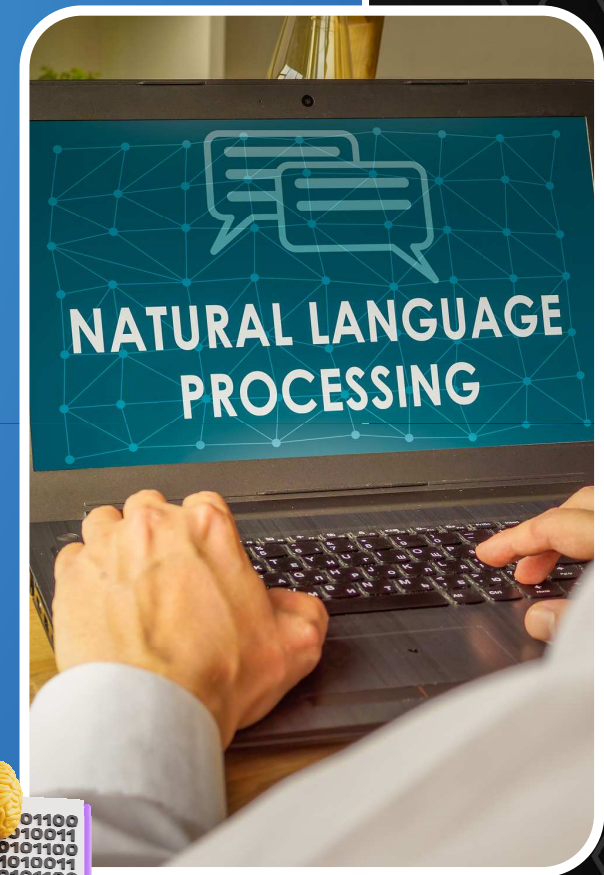
Machine Learning enables AI systems to improve automatically through experience, without being explicitly programmed.

It's used in various applications like data analysis, pattern recognition, and predictive modeling.



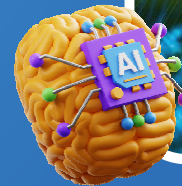
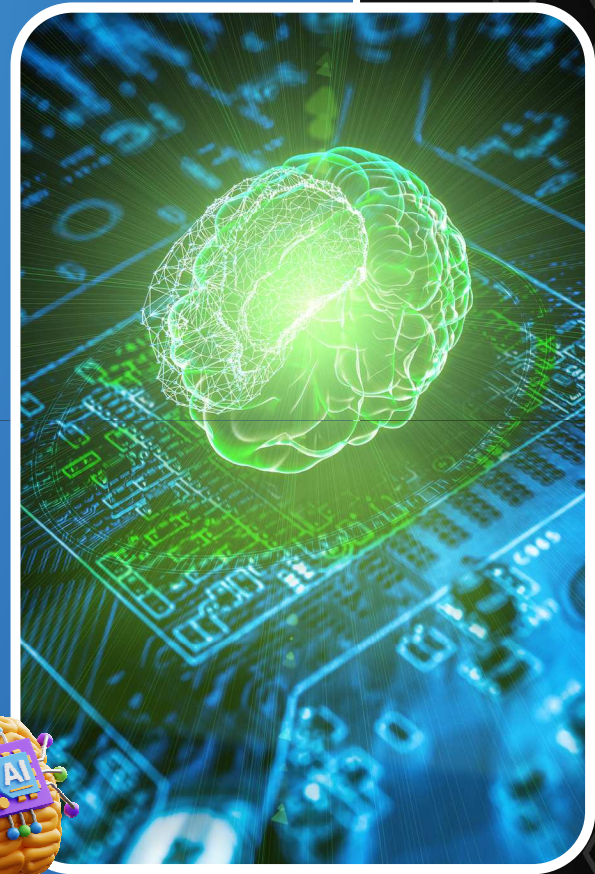
Natural Language Processing (NLP)

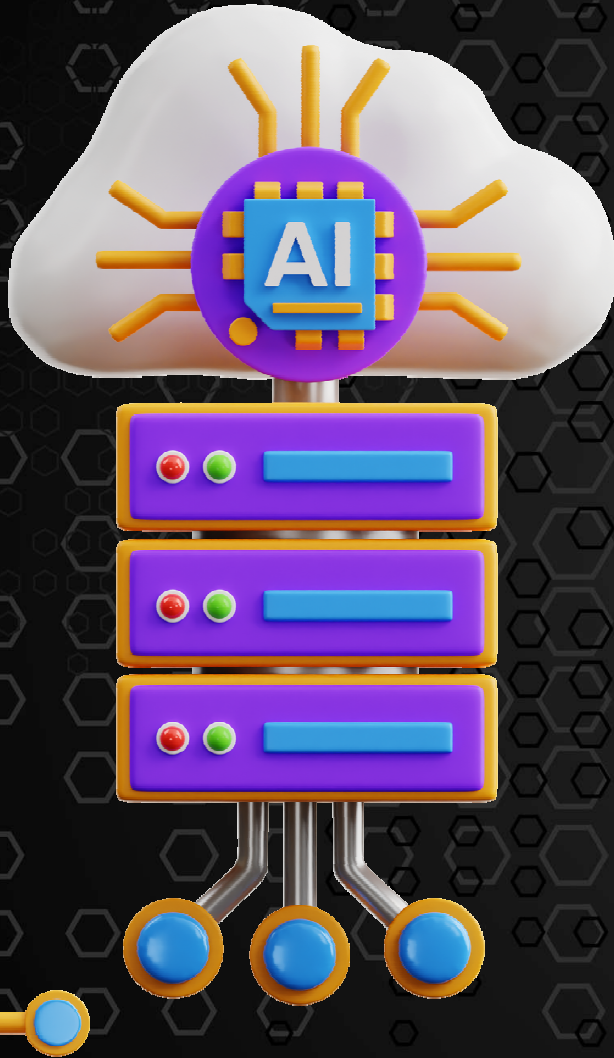
NLP is what allows AI to understand and interact in human language. This component is essential for language-related tasks such as translation, sentiment analysis, and chatbots. NLP combines computational linguistics with statistical, machine learning, and deep learning models to process and analyze large amounts of natural language data.



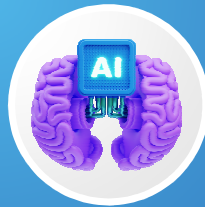
Neural Networks

These are inspired by the human brain and consist of layers of interconnected nodes or "neurons." Neural networks are fundamental in AI for recognizing patterns and classifying data. They are particularly effective in processing complex and nonlinear relationships within data, making them crucial for tasks like image and speech recognition.





How AI is Changing Education



Personalization of Learning:

AI can analyze the learning patterns of students and adapt the educational content accordingly, offering a personalized learning experience.



Automated Administrative Tasks:

AI helps in automating administrative tasks for educators, allowing more time to be spent on interaction with students and on teaching.



Enhanced Accessibility:

AI makes education more accessible to students with different learning needs and abilities, including those in remote or underprivileged areas.

ChatGPT vs Copilot vs Google Bard



Best for Accuracy & Up-to-Date Information



Best for Fast Responses



 Bard



Best for Images/
Visual Responses



Best for Creative Responses

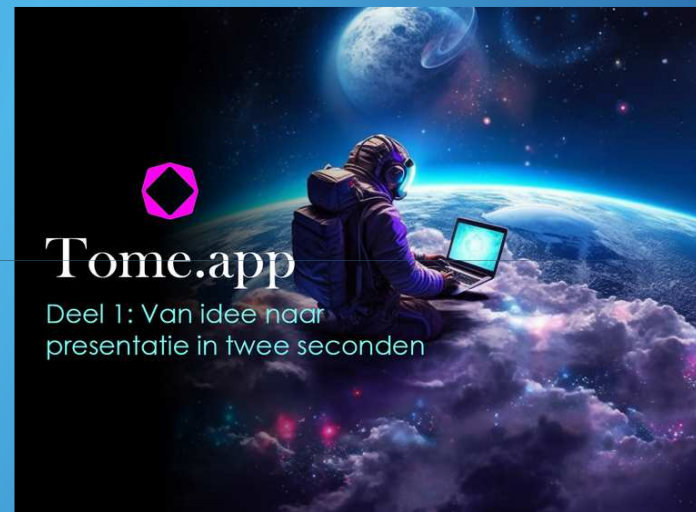


AI Presentation Makers

1. Tome AI – Best for Aesthetic Slides

Generate aesthetically pleasing PowerPoint slides with just a simple text input. The slides generated are fully editable, which means, you have the full freedom to change the theme, style, font and add multimedia from stock library or using the in-built text-to-image generator in Tome AI.

Link: <https://tome.app/>



AI

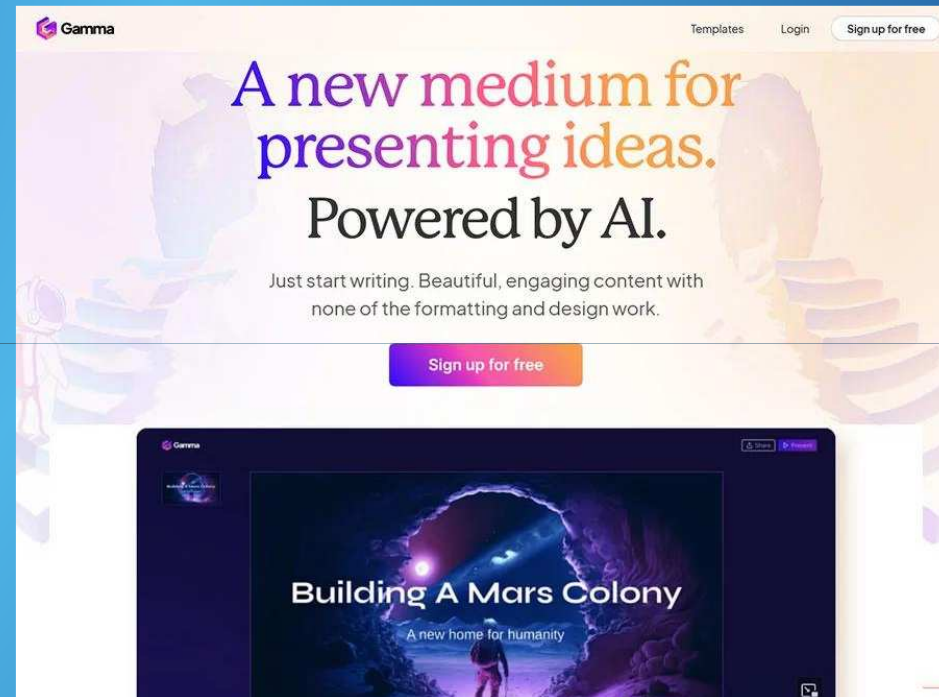
AI Presentation Makers

2. Gamma App

Gamma bills itself as a different type of presentation AI. You don't have to do any formatting or design work—simply prompt the AI and Gamma takes care of the rest.

If you need a little inspiration, check out Gamma's ready-made templates. Only 20 are available, but they should give you a good enough starting point to prompt the AI tool and create an all-star presentation.

Link: <https://gamma.app/>



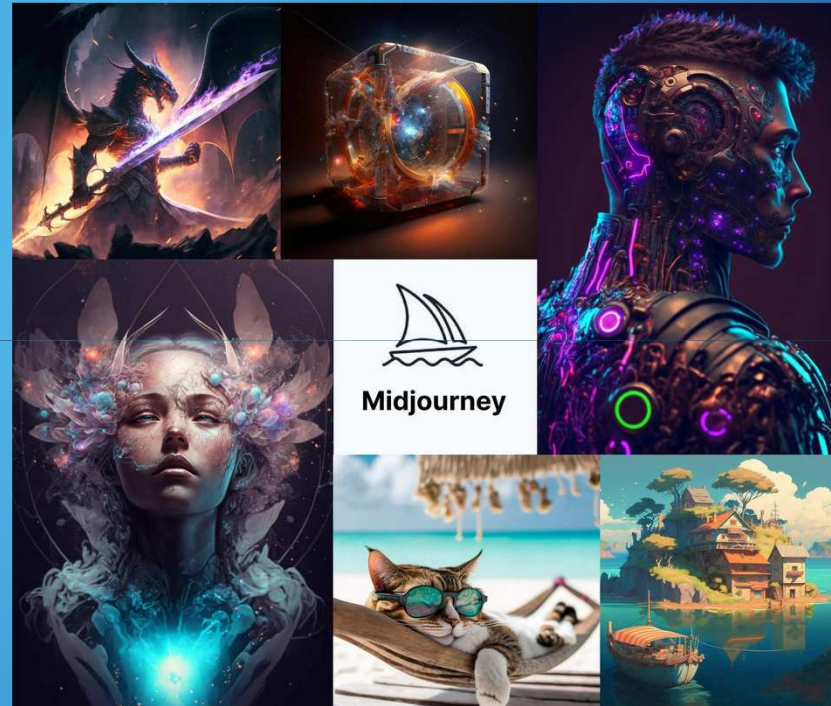
AI

AI Image, Audio and Video Generators

1. MidJourney

It is designed to transform textual descriptions into intricate and detailed visual representations, offering a unique blend of creativity and technology. Users can input descriptive text, and the app leverages artificial intelligence to interpret and convert these descriptions into images. This technology finds applications in various fields, including graphic design, digital art, advertising, and conceptual visualization.

Link: <https://www.midjourney.com/>

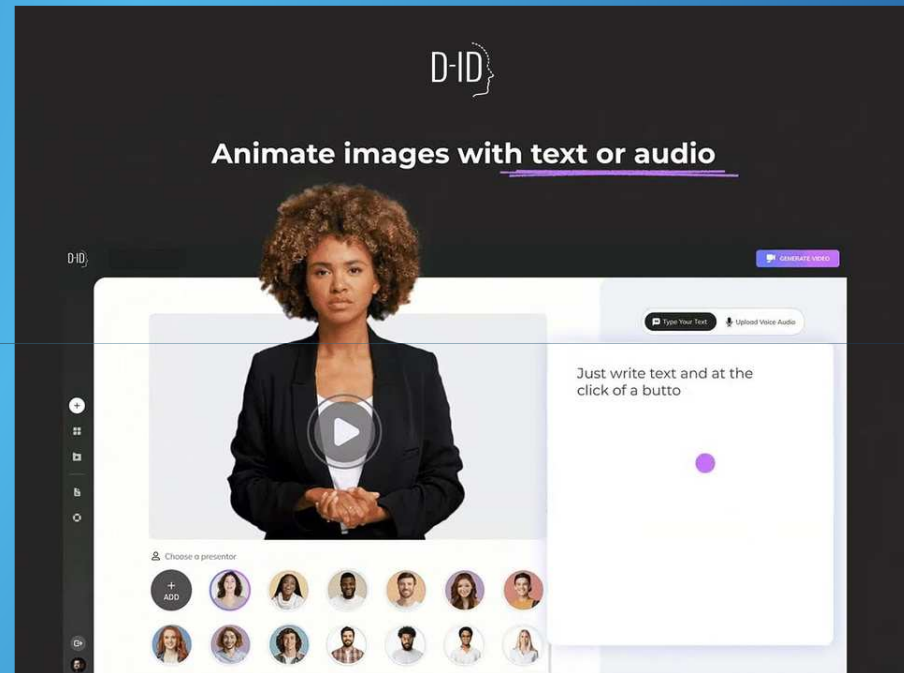


AI

AI Image, Audio and Video Generators

2. D-ID

D-ID Creative Reality Studio, a revolutionary tool that uses deep learning technology to bring your ideas to life by creating and animating AI avatars using simple text prompts. Studio D-ID merges deep-learning facial animation with superior text generation, enabling users to create professional videos from still images and text or audio inputs. It significantly reduces the need for traditional video production, offering a streamlined, cost-effective solution.



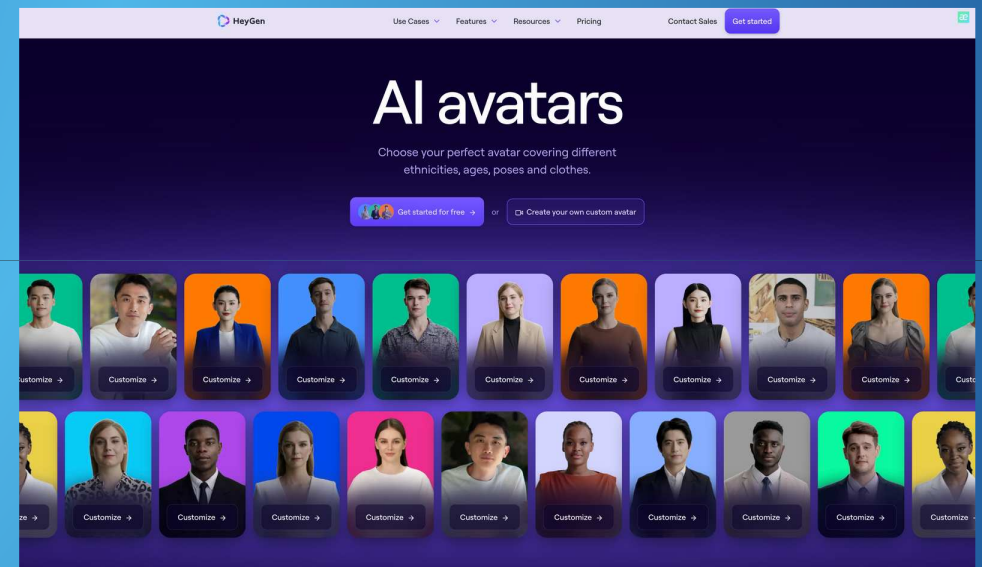
AI

Link: <https://www.d-id.com/>

AI Image, Audio and Video Generators

3. HeyGen

HeyGen is an AI video generator that lets you create engaging business and marketing videos. No video editing skills are needed to use this tool. Simply pick an avatar, input your script, and click “submit” to generate your video in minutes. HeyGen offers 100+ diverse and customizable realistic avatars with lip-sync capabilities in 40+ languages. It also provides features like text-to-video conversion, audio uploads, multi-scene videos, video sharing, and background music options.



AI

Link: <https://www.midjourney.com/>

1 Create Audio with Narakeet

1. Go to website:
<https://www.narakeet.com/>,
create account and sign in

2. Choose Create a new
audio file from a script

3. Choose Language, voice
and write a script. Then
click Create Audio

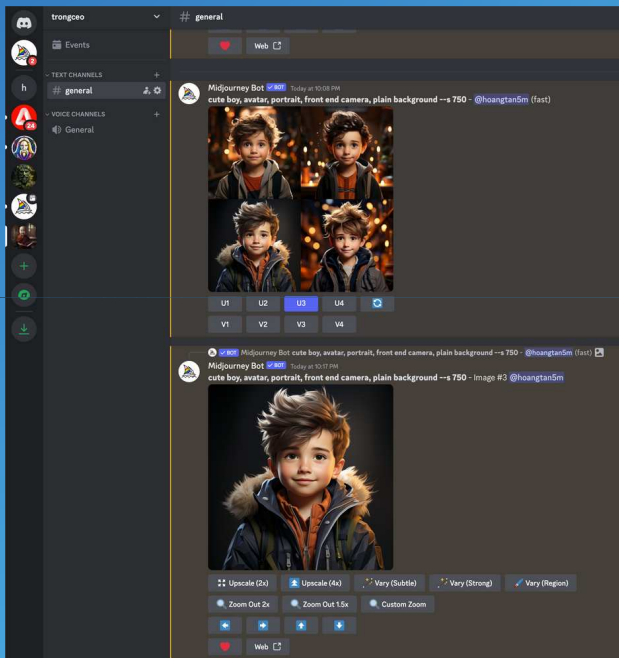
The screenshot shows the Narakeet website homepage. At the top, there's a navigation bar with 'narakeet' logo, 'Tools', 'Use Cases', 'Voices', 'Help', 'Pricing', 'News', 'MY ACCOUNT', and 'SIGN UP'. The main heading is 'Easily Create Voiceovers Using Realistic Text to Speech'. Below this, there's a sub-heading 'Text to Voice Slides to Video 90 languages 700 voices'. The text says 'Stop wasting time on recording your voice, editing out mistakes and synchronising picture with sound. Just type or upload your script, select one of our 700+ voices, and get a professionally sounding audio or video in minutes. Try Narakeet realistic text to speech free, no need to register.' There's a 'GET STARTED' button. Below the main content, there are two sections: 'Text to Speech Word PDF EPUB... to Audio' and 'Slides to Video PowerPoint or Markdown to Video'. The 'Text to Speech' section has four demo buttons: 'Demo 1 Announcements', 'Demo 2 Podcasts', 'Demo 3 Language Lessons', and 'Demo 4 Audiobooks'. Below these is a comparison: 'Turn this...' (a document snippet) and 'Into this...' (an audio waveform). There are 'DOWNLOAD DOCUMENT' and 'MAKE YOUR AUDIO' buttons.

The screenshot shows the Narakeet user dashboard for 'macebep744'. It displays 'Hi macebep744,' and 'You created 10 minutes of media assets since 10/9/2023.' Below this, it says 'You can build 13 more media assets before signing up for a paid plan.' There are buttons for 'BUY CREDITS', 'API KEYS', 'MANAGE NOTIFICATIONS', and 'ACCOUNT DETAILS'. Below these are three main options: 'Open a recent project', 'Create a new audio file from a script' (highlighted with a red box), and 'Create a new video from a presentation'. At the bottom, there's an option for 'Create a new video from a markdown'.

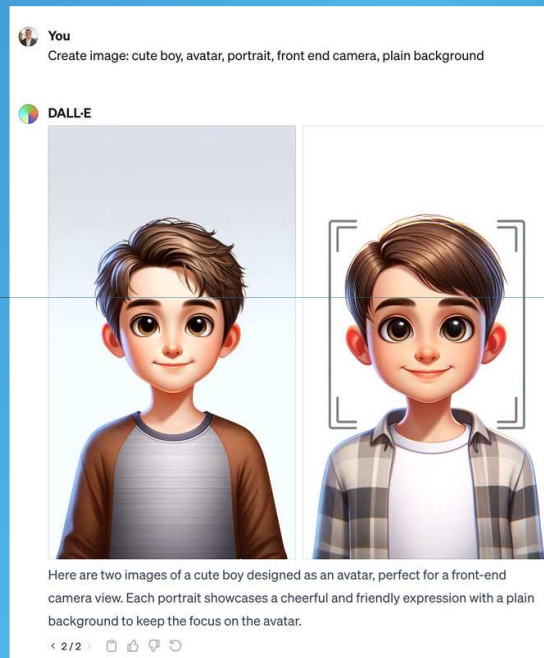
The screenshot shows the 'Text to audio' interface. It has a heading 'Text to audio' and a sub-heading 'Text to audio'. Below this, there's a paragraph: 'Type or paste the narration script below, or click Upload File to load the script from a document. You can upload plain text (.txt), MS Word (.docx and .doc), MS Excel (.xlsx and .xls), PDF, EPUB, RTF, Open Document (.odt, .ods) and subtitle (.srt, .vtt) files. (Looking for a quick example? Download this file.)'. There are dropdown menus for 'LANGUAGE: English - American' (with a red '1' next to it) and 'VOICE: Will' (with a red '2' next to it). Below these is a 'SCRIPT:' field with '(estimated duration: less than a minute)'. The script text is: 'My favorite movie is KungFu Panda. (pause: 5) It's a cartoon movie set in the Valley of Peace in ancient China in 2004. (pause: 5) The movie is about a panda who likes to learn KungFu martial arts but this is not approved by his father because he is forced to follow his father's noodle business. (pause: 5) Then on one occasion, he learned with a master of KungFu along with other famous colleagues. (pause: 5) It's interesting and I can understand everything. (pause: 5) I think all kids will like this movie. (pause: 5)'. At the bottom, there are buttons for 'UPLOAD FILE', 'DICTATE', and 'CREATE AUDIO'. Below these buttons, it says 'Your free account allows you to upload files up to 10 MB, containing up to 1 KB of narration text. Set up a commercial account to increase your limits!'.

2 Create an Avatar with MidJourney/Dall-E/Copilot

Create Avatar with MidJourney



Create Avatar with Dall-E

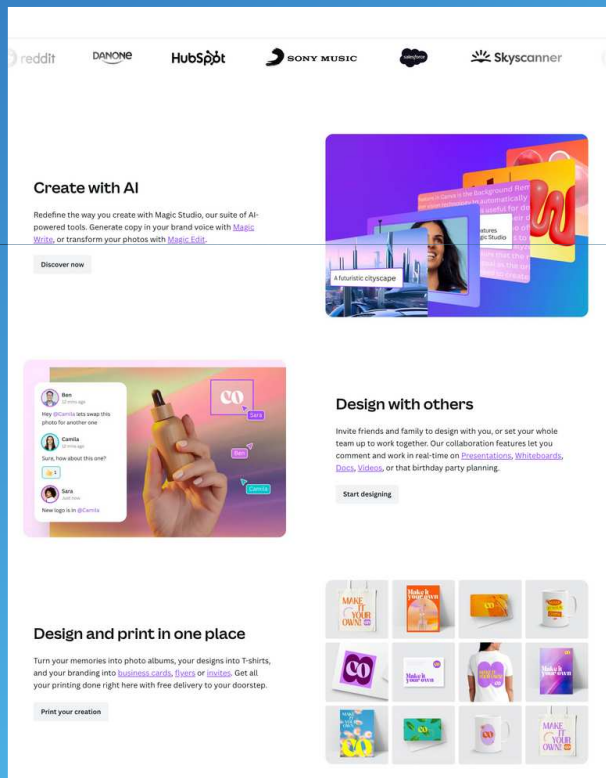


Create Avatar with Copilot

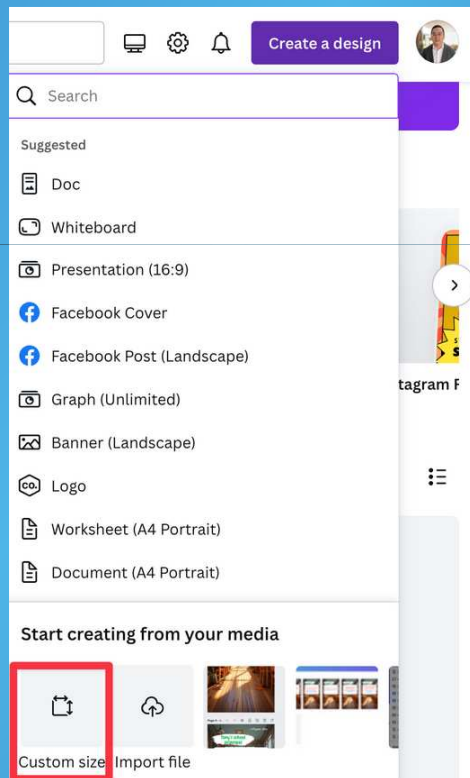


4 Create Content with Canva

1. Go to website:
<https://www.canva.com/>,
create account and log in.



2. Click Create a design,
choose Custom size, then
type dimension.



3. Create content for your lesson.

