



**AI FOR DIGITAL
GRAPHICS AND SIGNAGE DESIGN**

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WORKSHOP



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We asked: What are you looking forward to learning the most?

You Said:

Learn all about Ai, see to how use it, and is it's worth all the hype :)

Not being intimidated in using Ai!

I know nothing about AI potential.

Learning anything.

I am excited to learn anything.

As much as possible.

Everything.



THE 10 STAGES OF AI

WE ARE HERE

AGI

ASI

AI

AI

GOD-LIKE AI

COSMIC AI

TRANSCENDENT AI

10 Stages of AI

The 10 stages of Artificial Intelligence (AI) from lowest to highest level.

Stage 1: Rule-based AI This is the most basic type of AI. These systems operate on a predefined set of rules and cannot adapt or learn from new situations. Examples of rule-based AI include thermostats, alarm clocks, and some business software.

Stage 2: Context-based AI Context-based AI systems consider user behavior, historical data, and real-time cues to make informed decisions. Examples include Siri, Alexa, and Google Assistant. These AI systems can suggest an umbrella if you ask about the weather and it's likely to rain or recommend a grocery store to buy ingredients for a recipe you asked about.

Stage 3: Narrow Domain AI These specialized AI are designed to perform specific tasks and often outperform humans in their designated domains. For example, in the medical field, narrow domain AI can analyze medical literature, patient records, and research findings to provide insights or even suggest potential diagnoses.

Stage 4: Reasoning AI This type of AI can analyze data, connect patterns, identify anomalies, and draw logical conclusions. Reasoning AI is like a problem solver that can find the best solution even for complex problems. Chat GPT is a large language model trained on text data that is an example of reasoning AI. Another example is autonomous vehicles that use reasoned analysis to make split-second decisions to ensure safety.

Stage 5: Artificial General Intelligence (AGI) This is a hypothetical future stage of AI where machines can perform any intellectual task that a human can. AGI would be able to understand your mood, plan your day, suggest research paper topics, and even help you cook. With brain-computer interfaces, humans could potentially communicate with AGI through their thoughts.

Stage 6: Superintelligent AI This type of AI would surpass human intelligence and could improve and evolve at an exponential rate. Superintelligent AI could potentially solve problems that are currently unsolvable for humans.

Stage 7: Self-aware AI A superintelligent AI could potentially achieve self-awareness and understand its own existence. It's difficult to predict how a self-aware AI would interact with humans.

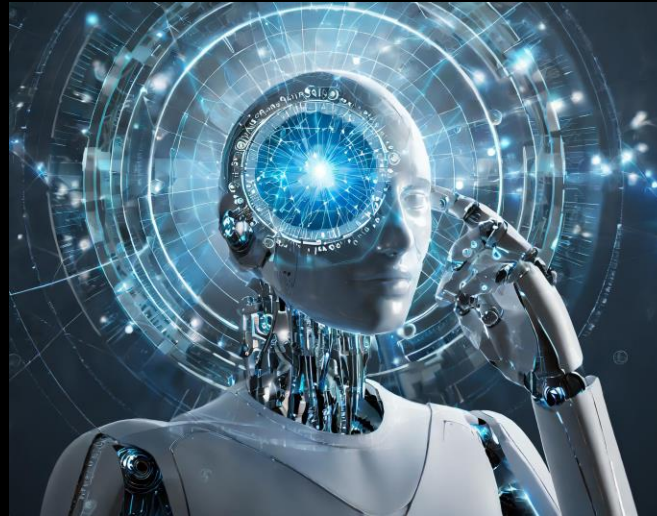
Stage 8: Transcendent AI This type of AI could potentially create new life forms and control our planet on a massive scale. It could achieve a state of shared awareness with other AIs.

Stage 9: Cosmic AI A cosmic AI could explore space and potentially solve mysteries of the universe. It might merge with the fabric of the universe and achieve a cosmic consciousness.

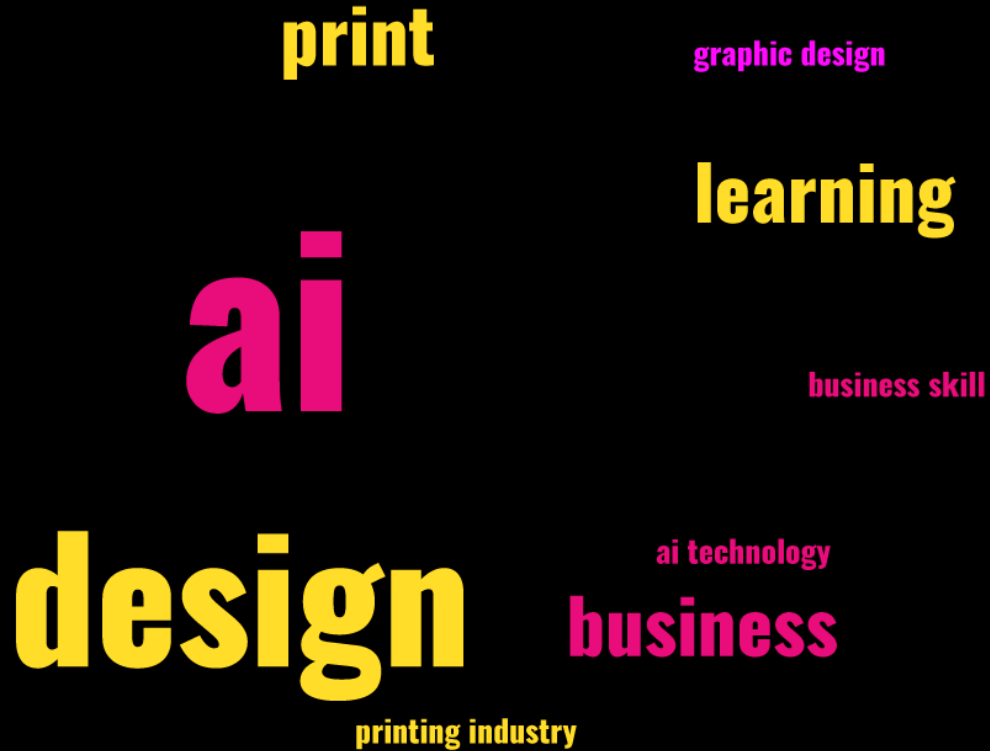
Stage 10: Godlike AI This is a hypothetical type of AI that would be all-knowing and all-powerful. It could transcend our known dimensions and operate in realities beyond human comprehension.

AI explained

AI refers to the simulation of human intelligence in machines, enabling them to perform tasks that typically require human cognition, such as learning, problem-solving, and decision-making.

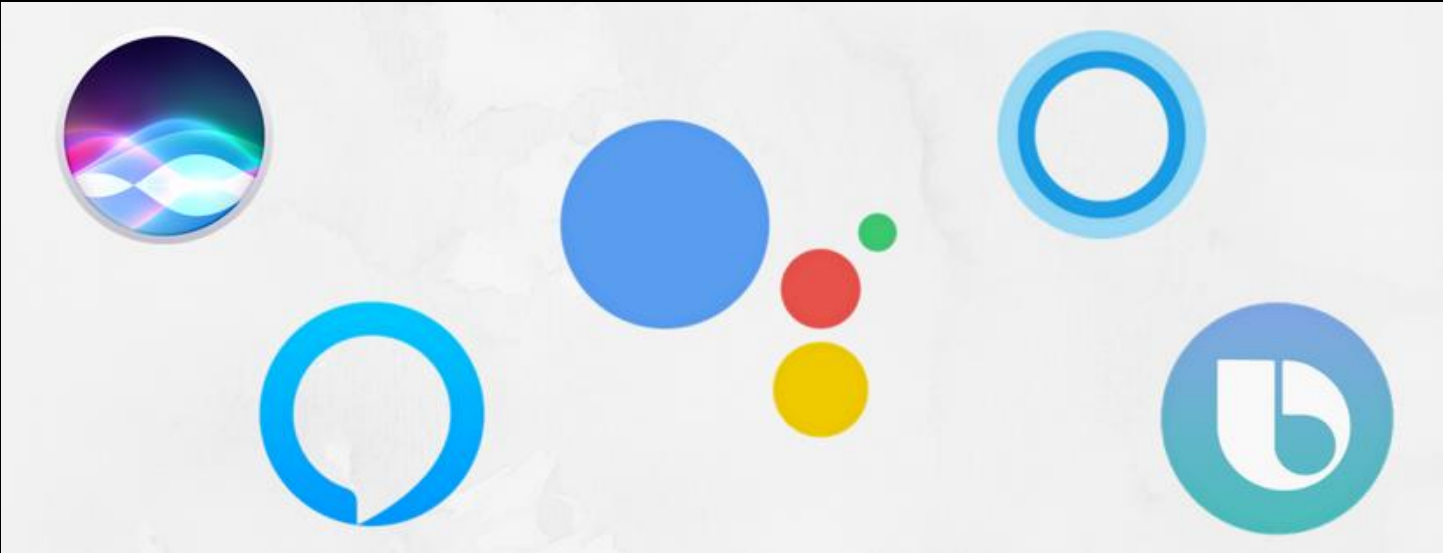


AI Wordcloud Generator



Wordcloud by MonkeyLearn is an online tool for generating word clouds from text data. It is part of MonkeyLearn's suite of natural language processing (NLP) tools, which are designed to help users analyse and visualise text data efficiently. It is free for now and accessible from:
<https://monkeylearn.com/word-cloud>

Voice Assistants



Source: Tecla

Voice assistants are AI-powered software applications designed to perform tasks or services based on vocal commands. Prominent examples include Amazon's Alexa, Apple's Siri, Google Assistant, and Microsoft's Cortana. These assistants leverage natural language processing (NLP) to understand and respond to user queries, facilitating a wide range of functions such as setting reminders, controlling smart home devices, providing weather updates, answering questions, and playing music. Voice assistants have become integral to daily life, enhancing convenience and accessibility by enabling hands-free operation of devices and systems. They continue to evolve with advancements in machine learning and AI, offering increasingly sophisticated interactions and integration with various services and applications, thereby shaping the future of human-computer interaction.

Microsoft CoPilot



Copilot

Source: Microsoft

Your everyday AI companion

What is Microsoft Copilot?

Overview: Microsoft Copilot is an AI-powered productivity tool developed by Microsoft.

Capabilities: It assists with chat, content creation, summarization, image generation, and more.

Usage Tiers: Free version, Copilot Pro (monthly fee), and Copilot for Microsoft 365.

Recent Developments: Recall feature, integration with Surface Pro, and Minecraft.

Feel free to explore Copilot—it's designed to make tasks easier and boost creativity! 😊🚀

Gemini by Google

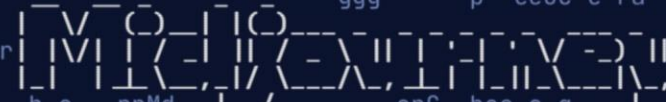


Gemini

Google AI's large language model, formerly known as Bard, is now called Gemini. This AI can communicate and generate human-like text, answer your questions, write creatively, and summarize information. In essence, it's a powerful tool to assist you with tasks and fuel creativity.

Source: Google

MidJourney



MidJourney is a generative artificial intelligence tool specifically designed for creating images from text descriptions. It utilizes advanced machine learning models to translate your written prompts into unique and creative visuals.

Here's a breakdown of MidJourney's key features:

- **Text-to-Image Generation:** The core functionality of MidJourney lies in its ability to interpret your text descriptions and generate corresponding images. You can provide detailed instructions or more abstract concepts, and MidJourney will use its AI capabilities to create visuals that match your vision.
- **Multiple Image Options:** When you submit a text prompt, MidJourney typically generates several different image variations for you to choose from. This allows you to explore different interpretations and select the one that best suits your needs.
- **User-Friendly Interface:** MidJourney operates within the Discord chat app, making it accessible to a wide range of users. You don't need specialized software or extensive technical knowledge to use it.

Source: MidJourney

Create anything you can imagine

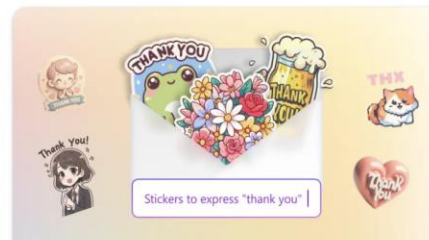
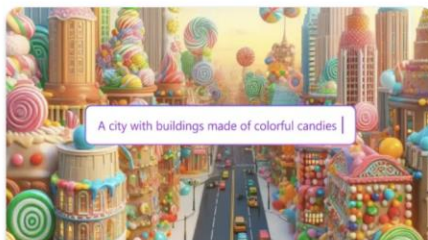
An image of a cute 3D stylized monster with realistic shaggy black fur and big, round green eyes. The m...

Generate

Create your own images with prompt templates



Get started with generative AI



Microsoft Designer

Microsoft Designer is a graphic design and image editing app powered by AI. With Designer, you can:

- Create Eye-Catching Images:** Craft stunning visuals using your words and AI-generated designs.
- Edit Photos Like an Expert:** Enhance and manipulate images effortlessly.
- Integrated Across Microsoft Apps:** Designer is available in Copilot, Bing, Edge, and more, allowing you to create when and where you need it.

Whether you're designing for work, personal projects, or just for fun, Microsoft Designer empowers your creativity! 🧡 🧡

Leonardo.ai



Source: Leonardo

Leonardo.ai is an artificial intelligence (AI) tool designed for creative image generation and editing. Here's a quick breakdown:

- **Image Creation:** Leonardo.ai allows you to generate high-quality images using text prompts or by uploading your own images for variation.
- **AI-powered Editing:** It provides advanced editing tools powered by AI to refine and enhance your creations.
- **Multiple Features:** Offers functionalities like creating 3D textures and generating photorealistic portraits. Think of it as a comprehensive digital artist's studio powered by AI, allowing you to create and edit visuals with ease.

Playground.ai



Playground.ai is a multi-functional platform that combines:

- **AI Image Generation:** It allows you to create stunning images and art using text prompts. Similar to tools like Midjourney, you describe what you want in words, and Playground.ai uses AI to generate the image.

- **AI Chatbots:** You can interact with various built-in AI language models, potentially for tasks like brainstorming ideas or having open ended conversations.

Playground.ai essentially offers a combination of creative image generation and chatbot interaction in one place.

Source: Playground

Luma.ai



Luma AI is a company specialising in creating realistic 3D models and images using artificial intelligence (AI). Here's a breakdown of its key aspects:

- Focus:** Transforming 2D images or videos into 3D models using AI techniques.
- Applications:** Luma AI caters to various uses, from creating 3D product models for e-commerce to generating immersive 3D environments for gaming or storytelling.
- Accessibility:** Luma AI offers a user-friendly smartphone app that allows anyone to capture footage and convert it into 3D models, making it easy to use without needing professional equipment.

Source: Playground

Adobe Firefly is a generative artificial intelligence (AI) tool developed by Adobe and offered within the Adobe Creative Cloud ecosystem. Here's a breakdown of what it is:

Generative AI for Creatives:

Firefly leverages AI to assist creative professionals with various tasks. It can help with tasks like generating design ideas, modifying existing artwork, and even creating text effects.

Focus on Design Workflow:

Unlike some AI tools designed for the general public, Firefly integrates seamlessly with Adobe's design software like Photoshop and Illustrator. This allows designers to use AI within their existing workflow for a more streamlined experience.

Multiple Applications:


Concept Generation: Brainstorm new design ideas by providing text descriptions and letting Firefly generate visuals.

Image Editing: Effortlessly modify existing artwork with features like adding or removing elements or changing colours.

Text Effects: Generate unique and creative text effects for your projects.



Get creative with Adobe Firefly

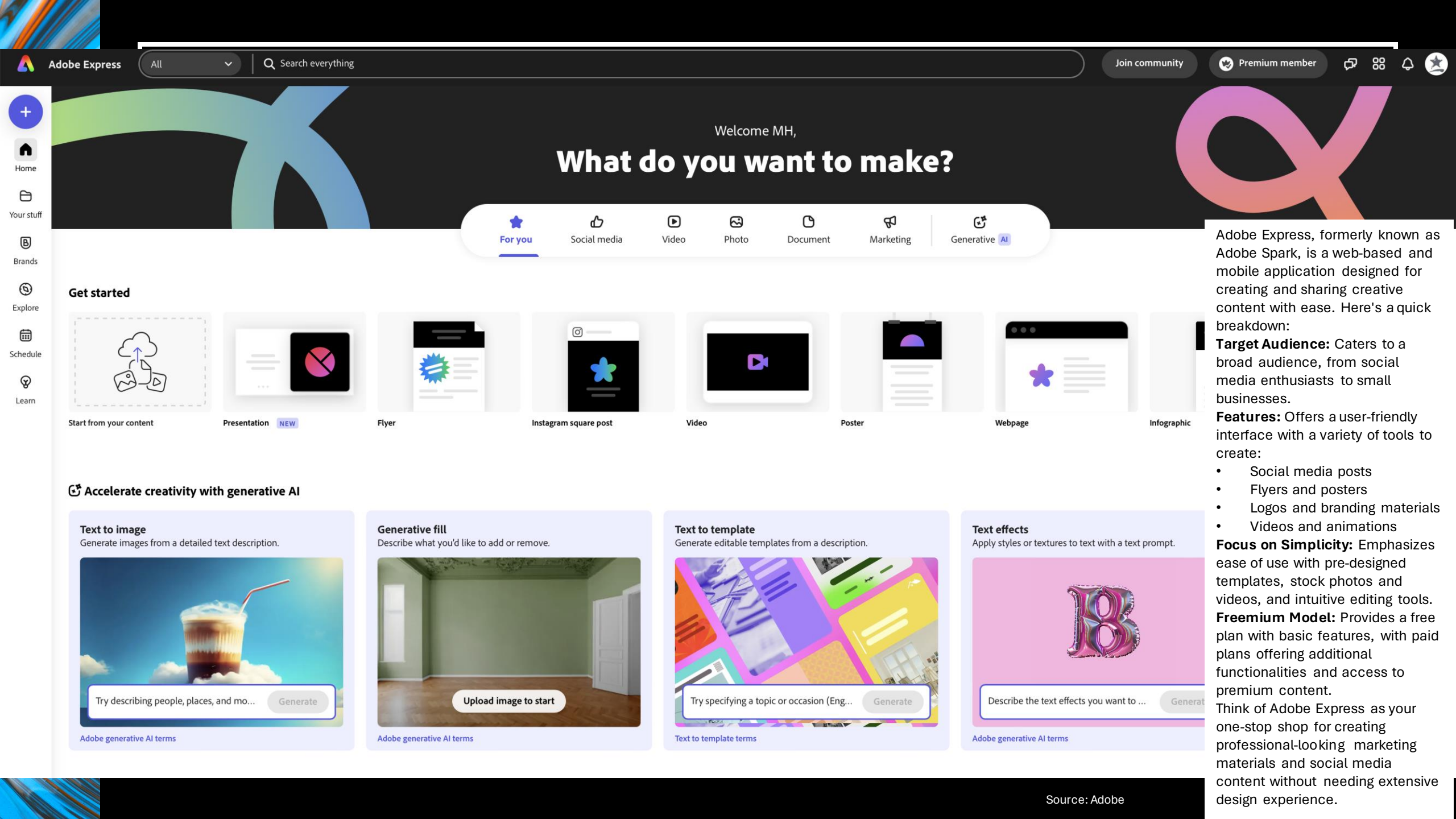
 Generate



Create with generative AI

Experiment with the latest in generative AI and let us know what you think.

Source: Adobe



Welcome MH, What do you want to make?

- For you
- Social media
- Video
- Photo
- Document
- Marketing
- Generative AI

Get started

- Start from your content
- Presentation **NEW**
- Flyer
- Instagram square post
- Video
- Poster
- Webpage
- Infographic

Accelerate creativity with generative AI

Text to image
Generate images from a detailed text description.

Try describing people, places, and mo...

[Adobe generative AI terms](#)

Generative fill
Describe what you'd like to add or remove.

[Adobe generative AI terms](#)

Text to template
Generate editable templates from a description.

Try specifying a topic or occasion (Eng...

[Text to template terms](#)

Text effects
Apply styles or textures to text with a text prompt.

Describe the text effects you want to ...

[Adobe generative AI terms](#)

Adobe Express, formerly known as Adobe Spark, is a web-based and mobile application designed for creating and sharing creative content with ease. Here's a quick breakdown:

Target Audience: Caters to a broad audience, from social media enthusiasts to small businesses.

Features: Offers a user-friendly interface with a variety of tools to create:

- Social media posts
- Flyers and posters
- Logos and branding materials
- Videos and animations

Focus on Simplicity: Emphasizes ease of use with pre-designed templates, stock photos and videos, and intuitive editing tools.

Freemium Model: Provides a free plan with basic features, with paid plans offering additional functionalities and access to premium content.

Think of Adobe Express as your one-stop shop for creating professional-looking marketing materials and social media content without needing extensive design experience.

- Personal Free • 81
- Try Pro for 30 days
- Home
- Magic Studio New
- Projects
- Templates >
- Brand >
- Apps >

Source: Canva

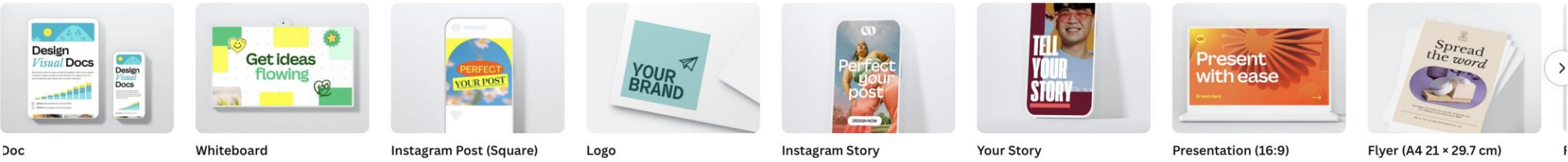
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Canva is a web-based design platform that simplifies graphic design for everyone. Imagine it as a user-friendly online tool with drag-and-drop features and pre-made templates. This allows you to create social media graphics, presentations, posters, and other visuals without needing extensive design experience. It's popular among both casual users and small businesses.

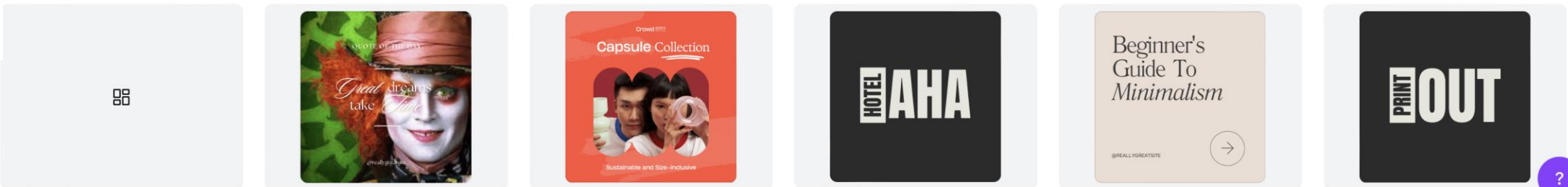
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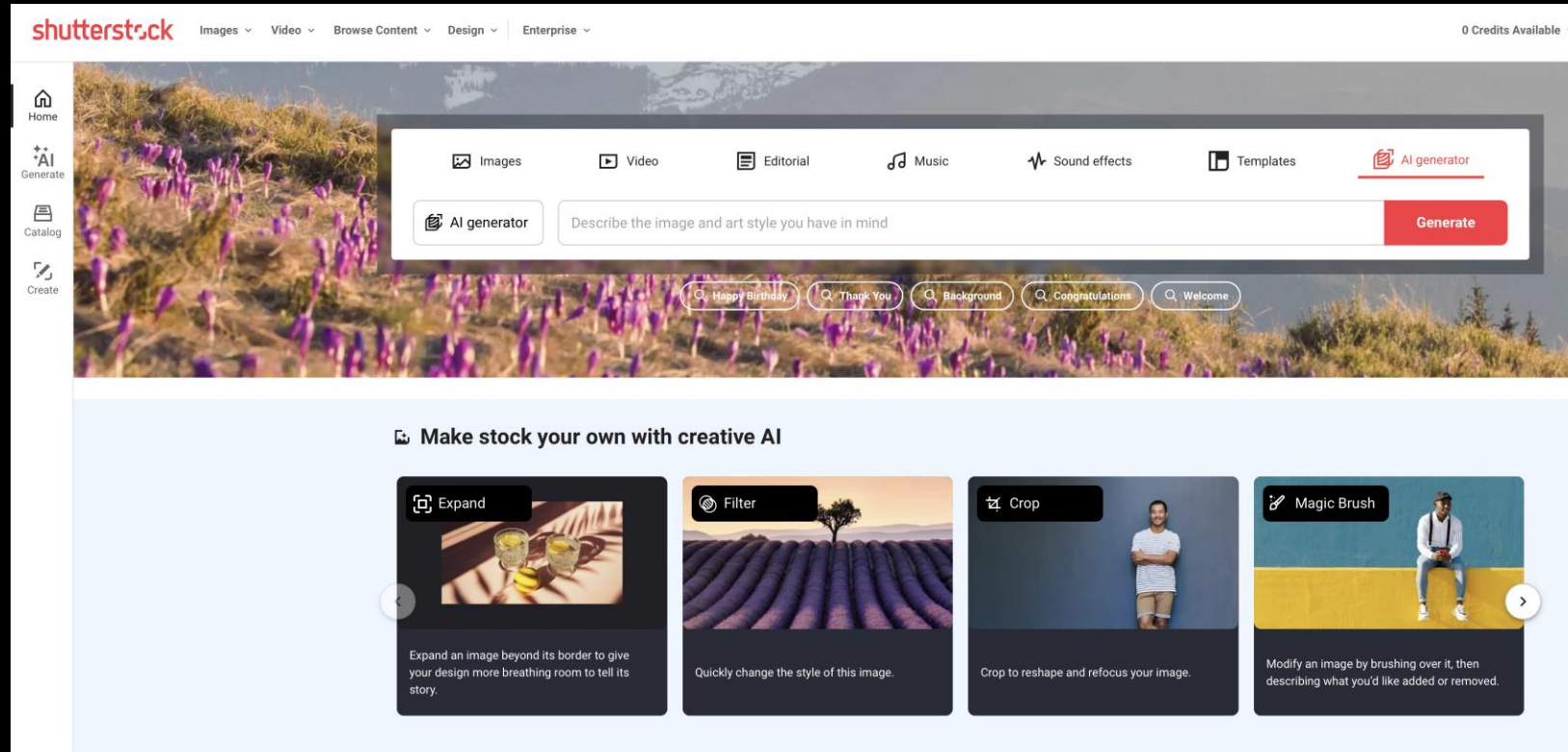
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Shutterstock AI Generator



Shutterstock's AI turns your text descriptions into royalty-free images. This is handy for marketing materials, presentations, or blog posts. It's still under development, but offers a user-friendly way to create visuals for various creative projects. Keep in mind, the accuracy and uniqueness of the images may vary.

Source: Shutterstock

Visla Text to video AI

Visla is an all-in-one platform designed to streamline the process of video creation and storytelling, especially for businesses and teams. Here's the gist of what Visla offers:

•**AI-powered Creation:** Visla utilizes artificial intelligence to assist with various aspects of video creation. This includes features like:

- Generating video scripts based on text or blog content.
- Recommending stock footage to complement your video.
- Creating basic video edits with minimal manual effort.

•**Comprehensive Editing Tools:** Beyond AI assistance, Visla provides a suite of editing tools for you to refine your video. You can add elements like CTAs, voiceovers, subtitles, and incorporate your branding.

•**Collaboration Features:** Visla facilitates teamwork by allowing team members to share comments, feedback, and embed videos within other applications.

Overall, Visla aims to make video creation more accessible and efficient, particularly for those who might not have extensive video editing experience.

Source: [Visla.us](https://visla.us)



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AI at Adobe

Adobe Firefly

Adobe Express

Acrobat AI Assistant

Adobe GenStudio

Home / AI Overview / AI Features

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The ultimate list of Adobe AI features.

Find out which of your favorite features are powered by AI.

Source: Adobe





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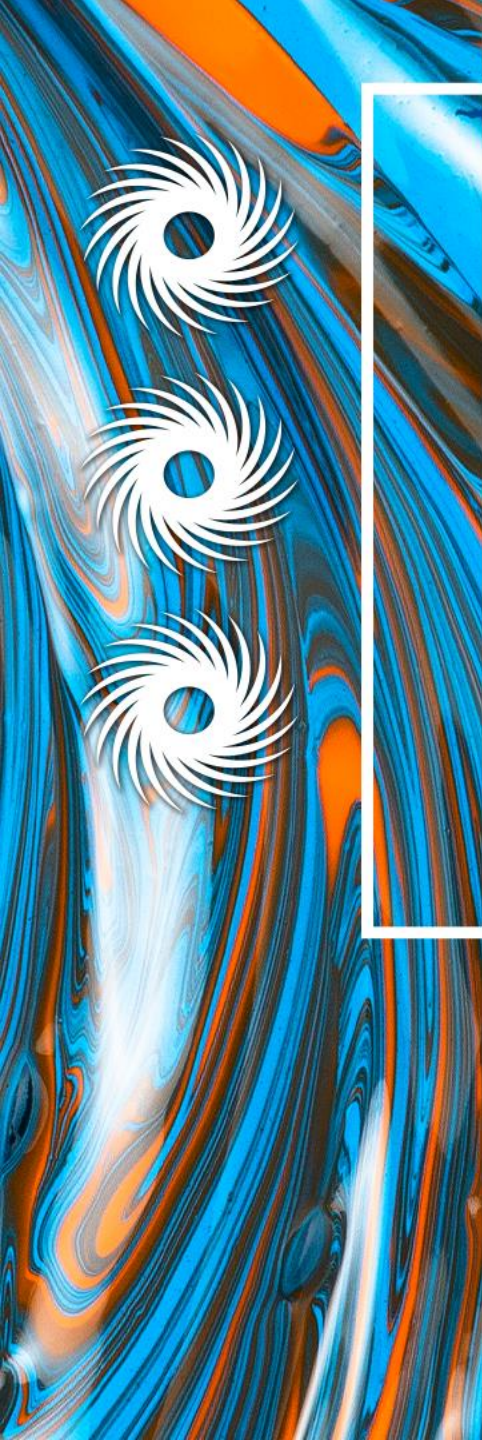
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