READCO**AI**

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AI TOOLKIT

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WEST ATTICA

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Languages & Research Centre

CHATGPT

Categories

> *Text generation, Writing, Summarization, Question&Answer, Academic writing assistant.*

What Does It Do?

> *ChatGPT is an AI tool based on natural language processing. It can assist in tasks such as writing articles, summarizing texts, enhancing content, generating sample questions, and even coding. It is especially useful for creating educational content.*

How to use it?

► Visit https://chat.openai.com and create an account.

► GPT-3.5 is available for **free**; GPT-4 requires a paid subscription.

► Works via a chat interface where users input prompts or questions.

Advantages

► Provides instant responses.

► Very effective in creating educational materials.

► Great at generating questions, tests, and learning scenarios.

► Can adapt responses to different skill levels.

Example Usage

Creative Writing Prompts:

An English teacher asks ChatGPT to generate unique story starters for students to use in a creative writing activity. Each student receives a different prompt and develops their own short story.

Debate Preparation:

A social studies teacher uses ChatGPT to simulate arguments from both sides of a current social issue (e.g., digital privacy). Students analyze the arguments and prepare rebuttals for a classroom debate.

Vocabulary Enrichment:

An ESL instructor requests ChatGPT to provide synonyms, example sentences, and mini-dialogues using new vocabulary words. This helps students learn contextual usage in an engaging way.

https://chat.openai.com

Video Tutorial

This video is a brief guide on how to use ChatGPT quickly and effectively. It provides basic steps and practical tips for beginners to easily get started with AI-powered conversations.

Scan me

DEEPSEEK

Categories

❯ *Text generation, Code generation, Academic writing assistant.*

What Does It Do?

❯ *DeepSeek is an AI assistant powered by open-source large language models. It can be used for code writing, generating technical content, and academic summarization.*

How to use it?

► Access it via https://chat.deepseek.com

► The interface is similar to ChatGPT. Works with prompt-based input.

► Especially useful for software and engineering-related content.

Advantages

► Free and powerful alternative.

► Strong in code generation (comparable to GPT).

► Handles technical language well.

► Fast performance with attention to data privacy.

Example Usage

Code Explanation for Beginners:

A computer science teacher uses DeepSeek to generate simple Python code snippets along with line-by-line explanations. Students read and discuss the logic behind each command in pairs.

Algorithm Design Exercise:

In an algorithms course, the instructor gives DeepSeek a problem scenario (e.g., pathfinding in a maze) and asks it to generate two alternative algorithmic solutions. Students compare them in terms of efficiency.

Debugging Practice:

The teacher provides broken code to DeepSeek and asks for debugging suggestions. Students then test and fix the code themselves using the AI suggestions as a guide.

https://chat.deepseek.com

Video Tutorial

This tutorial provides a step-by-step guide on navigating and utilizing DeepSeek's features effectively. Ideal for newcomers, it covers essential functionalities to help users get started with confidence. By the end of the video, viewers will have a clear understanding of DeepSeek's core tools and how to apply them in real-world scenarios. This video is a brief guide on how to use ChatGPT quickly and effectively. It provides basic steps and practical tips for beginners to easily get started with AI-powered conversations.

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CLAUDE

Categories

❯ *Text generation, Writing, Long-text analysis, Academic writing.*

What Does It Do?

❯ *Claude is a powerful AI tool that can process and analyze long documents. It is especially effective for summarizing and interpreting academic papers, textbooks, and large bodies of text.*

How to use it?

► Visit https://claude.ai to access the platform.

► A **free** plan allows for basic use.

► Works by uploading files or pasting large texts.

Advantages

► Can handle very long documents (100,000+ words).

► Excellent with academic-style language.

► Tends to give more "cautious" and precise responses compared to ChatGPT.

► Powerful document analysis capabilities.

Example Usage

Research Paper Analysis:

An academic uploads a lengthy journal article to Claude and asks for a thematic summary and major arguments. Students read the summary before engaging in a deeper class discussion.

Literature Review Support:

A graduate student working on a thesis uses Claude to analyze multiple sources and generate a structured literature review outline. The instructor reviews the outline before students begin writing.

Case Study Evaluation:

A law professor uploads a legal case document and asks Claude to extract key facts, decisions, and implications. Students use this analysis to support their class presentations on legal reasoning.

https://claude.ai

Video Tutorial

This video introduces Claude for Education, a tool designed to help students learn and master any subject. It demonstrates creating a study project by providing the name of a lesson and adding reference materials like syllabi and lecture notes. Claude can then be used to visualize key concepts and generate study guides tailored to the student's learning needs.

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GOOGLE GEMINI

Categories

❯ *Text generation, Coding, Q&A, Academic analysis.*

What Does It Do?

❯ *Gemini is Google's AI tool that integrates with web search. It can provide up-to-date information in real time. Useful for text generation, coding, translation, and content analysis.*

How to use it?

▶ Go to https://gemini.google.com and sign in with a Google account.

▶ Works via prompt-based input.

▶ Advanced features are available in Gemini Advanced.

Advantages

▶ Integrated with Google, allowing access to current information.

▶ Can also analyze multimedia content.

▶ Offers advanced coding and math capabilities.

▶ Simple and user-friendly interface.

Example Usage

Real-Time Data Research:

A geography teacher asks students to research "current drought patterns in Africa." Using Gemini, students get up-to-date maps, statistics, and articles to support their presentations.

STEM Inquiry Projects:

A science teacher encourages students to explore a question like "How does AI impact climate science?" Students use Gemini to gather diverse sources and draft initial hypotheses.

Translation and Cultural Exploration:

A language teacher asks Gemini to translate a poem from French into English, then explain its cultural context. Students compare the translation to their own versions and reflect on interpretation differences.

https://gemini.google.com

Video Tutorial

Deep Research helps you conduct thorough investigations and unlock new possibilities in your work.

Scan me

NOTEBOOKLM

Categories

> *Information organization, Research assistant, Text analysis, Note-taking, Podcast.*

What Does It Do?

> *NotebookLM is an AI-powered research and writing assistant. Users can upload their documents, and the tool can generate summaries, answer questions, and analyze content directly based on the uploaded files. It is particularly useful in academic, research, and knowledge-based tasks.*

How to use it?

► Access it via https://notebooklm.google and sign in with a Google account.

► Upload documents (PDFs, Google Docs, etc.) and interact with the AI to analyze the content.

Advantages

► Works with your own documents.

► Provides source-grounded answers.

► Powerful for summarizing and content analysis.

► Integrates note-taking with research.

► Transforms documents into podcast-like audio summaries.

Example Usage

Question Generation from Text:

A teacher asks NotebookLM to create quiz questions from uploaded lesson notes.

Document Summarization:

A student uploads a lengthy research report to receive a concise summary and key term highlights.

Cross-Document Comparison:

A researcher uploads multiple papers and asks NotebookLM to identify themes and contrasts between them.

https://notebooklm.google.com

Video Tutorial

This video features introducing NotebookLM and explaining how to use it effectively. The tool centralizes various types of documents to enable interactive content generation, such as summaries, FAQs, study guides, and even a podcast that sounds real. It is available for free to all Google users.

Scan me

CANVA IMAGE GENERATOR

Categories

❯ *Image generation, Design, AI visuals.*

What Does It Do?

❯ *Canva's AI-powered image generator allows users to create original visuals using text prompts. It's useful for making designs like social media posts, presentations, and posters.*

How to use it?

► Create a free account at https://www.canva.com.

► Go to "Apps" and select the AI Image Generator.

► Enter a prompt to generate visuals.

Advantages

► Easy to use.

► Integrated with Canva's design tools.

► Generates customizable images.

► Works with prompts in multiple languages.

Example Usage

Presentation Design:

A teacher creates a solar system-themed slideshow using AI-generated space visuals from Canva.

Poster Activity:

Students design their own environmental awareness posters using Canva's AI Image Generator.

Creative Writing Aid:

Students visualize scenes from their stories by generating related images in Canva.

https://www.canva.com/ai-image-generator/

Video Tutorial

This video explains how to use Canva's powerful AI-driven tools and features effectively. It covers methods for simplifying creative workflows, producing professional visuals, and staying ahead of design trends. Tools like Magic Edit, Magic Eraser, and Dream Lab are demonstrated to show how to create content faster and smarter.

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FREEPİK AI IMAGE GENERATOR

Categories

❯ *Image generation, Vector art, Stock photos, AI art.*

What Does It Do?

❯ *Freepik's AI tool allows users to generate vector images, illustrations, and realistic photos using prompts. It's suitable for commercial and educational content.*

How to use it?

► Go to https://www.freepik.com.

► Create a free account.

► Select "AI Image Generator."

► Enter a prompt to generate visuals.

Advantages

► Professional-quality visuals.

► Results similar to stock images.

► Downloadable in various formats.

► Great for presentations and learning content.

Example Usage

Concept Map Visuals:

A teacher creates icons representing lesson concepts using Freepik AI to design a visual poster.

Language Learning Support:

An English teacher visualizes vocabulary like "bakery" or "traffic" using Freepik illustrations.

Group Project Enhancement:

Students enrich their presentations with themed visuals generated via Freepik AI.

https://www.freepik.com/ai/image-generator

Video Tutorial

This video explains how to create AI-generated images using the Freepik AI Image Generator. It shows how to easily and intuitively produce eye-catching visuals for social media campaigns or product ads. The process—entering a prompt, selecting a mode and ratio, and hitting generate—is demonstrated step by step.

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BING IMAGE CREATOR

Categories

❯ *Image generation, AI, Creative design.*

What Does It Do?

❯ *Bing Image Creator, powered by DALL·E, generates images from text prompts. Useful for education, content creation, and digital visuals.*

How to use it?

► Visit https://www.bing.com/images/create.

► Sign in with a Microsoft account.

► Enter a prompt.

Advantages

► Free to use.

► Based on powerful DALL·E model.

► Simple and fast interface.

► Best results with English prompts.

Example Usage

Visualizing Historical Events:

A social studies teacher generates historical scenes to help illustrate past events.

Idea Board Creation:

Students create "imagination boards" using AI images before starting a creative writing activity.

Science Experiment Visualization:

A science teacher generates illustrations of lab experiments to enhance comprehension.

https://www.bing.com/images/create

Video Tutorial

This video explains how to use Image Creator from Microsoft Bing, a new AI-powered tool for generating images from text. It walks through the image creation process and provides guidance in case the tool isn't visible in Bing. Since it's being rolled out gradually, viewers are advised to visit https://www.bing.com/create to check availability in their region.

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MIDJOURNEY

Categories

❯ AI art, Image generation, Creative content.

What Does It Do?

❯ Midjourney creates high-quality, artistic AI images. Ideal for fantasy, surreal, or stylized visuals. Frequently used for concept art and storytelling.

How to use it?

► Works via Google or Discord account.

► Go to https://www.midjourney.com.

► Log in with Google or Discord account.

► Enter prompts in designated channels.

Advantages

► Highly artistic results.

► Wide range of styles.

► Encourages creativity.

► Community-driven environment.

Example Usage

Art Style Showcase:

An art teacher demonstrates various visual styles using stylized images from Midjourney.

Dystopian Story Design:

Students create dark cityscapes and character designs for their sci-fi stories.

Mythical Creature Creation:

In mythology class, students visualize Greek gods or monsters through AI imagery.

https://www.midjourney.com

Documentation/Video Tutorial

Midjourney provides documentation on its website. This documentation also includes video tutorials. The videos explain how to use Midjourney. The process of creating the visuals is explained step by step and detailed tips are given.

Scan me

ELEVENLABS

Categories

❯ *Voice generation, Text-to-speech, AI voice.*

What Does It Do?

❯ *ElevenLabs converts written text into realistic human-like speech. It's great for educational videos, storytelling, audiobooks, and presentations.*

How to use it?

► Go to https://www.elevenlabs.io.

► Create an account.

► Input your text, choose a voice, and generate audio.

Advantages

► Near-human voice quality.

► Multiple languages and voice styles.

► Voice customization available.

► Fast generation.

Example Usage

Audiobook Creation:

Students turn their original stories into digital audiobooks using ElevenLabs.

Listening Exercises:

An English teacher generates sample sentences in various accents to support listening practice.

Drama Voice Acting:

Students experiment with character voices for a drama performance.

https://www.elevenlabs.io

Video Tutorial

This video explains applications of ElevenLabs' AI-driven audio technology. It showcases how realistic, versatile, and context-aware speech and sound models are made accessible to individuals, content creators, and businesses. The video highlights real-world use cases including audiobooks, video games, film pre-production, accessibility tools, social media content, and medical training.

Scan me

CANVA AI VOICE

Categories

❯ *Voice generation, Text-to-speech, AI voice.*

What Does It Do?

❯ *Canva AI Voice adds narration to presentations and videos using written text. Ideal for creating educational videos and multimedia content.*

How to use it?

► Go to https://www.canva.com.

► Open a design or video.

► Use the "Voice-over" feature, input text, and choose a voice.

Advantages

► Easy access within Canva.

► Directly applies voice to videos.

► Simple and user-friendly.

► Great for video projects or lesson narration.

Example Usage

Adding Narration to Presentations:

A student uses Canva AI Voice to narrate their class presentation.

Mini Documentary Project:

A history teacher produces short documentaries with voice-over and visuals.

Text-to-Speech Practice:

Language students listen to their own texts narrated by Canva's AI voice.

https://www.canva.com/features/ai-voice-generator/

Video Tutorial

This video covers step by step how to create voice for a design using Canva's own voice-over tool, Canva AI Voice. With this tool, you can create voice and add it to presentations and videos.

Scan me

HEYGEN

Categories

❯ *AI avatar video, AI presentation, Video creation.*

What Does It Do?

❯ *Heygen creates talking avatar videos from written scripts. It's useful for presentations, explainer videos, and educational content.*

How to use it?

► Visit https://www.heygen.com.

► Write a script.

► Select an avatar and language.

► Generate the video.

Advantages

► Lifelike AI presenters.

► Supports many languages and faces.

► Fast text-to-video process.

► Ideal for marketing and education.

Example Usage

Introductory Video Creation:

A teacher makes an AI avatar video explaining classroom rules.

Cultural Character Presentation:

Students create avatar videos introducing characters from different cultures.

Virtual Instructor:

The teacher produces a digital teacher to explain the topic.

https://www.heygen.com

Video Tutorial

This video explains how to effortlessly create professional how-to videos in minutes using HeyGen. It walks through each step—from scripting and screen recording to avatar selection, voice customization, and synced animations. The video also shows how to share and translate content instantly into 170+ languages for a global reach.

Scan me

SYNTHESIA

Categories

❯ *AI video, Digital narration, Educational content.*

What Does It Do?

❯ *Synthesia creates professional videos using AI avatars and written scripts. Ideal for corporate training, explainer videos, and lessons.*

How to use it?

► Go to https://www.synthesia.io.

► Input your script.

► Choose an avatar and background.

► Generate the video.

Advantages

► Corporate-level quality.

► Multi-language support.

► Auto subtitles.

► Fast video production.

Example Usage

Micro-Learning Videos:

The teacher produces short AI avatar videos to explain concepts.

Corporate Training:

Administrators create internal training videos using AI presenters.

Language Scenario Simulation:

An ESL teacher presents dialogues and situations with avatar videos.

https://www.synthesia.io

Video Tutorial

This video provides a short product walk-through of Synthesia, an AI video generation platform used by global brands. It showcases the platform's core features and functionality and highlights how this full AI video maker and editor is ideal for training, L&D, and internal communication videos.

Scan me

KLING AI

Categories

❯ *AI animation, Video generation, Visual storytelling.*

What Does It Do?

❯ *Kling generates animated videos from images or text. Useful for creative storytelling and cinematic short clips.*

How to use it?

► Visit https://klingai.com.

► Some versions may be in limited or early access.

Advantages

► Accepts both visual and text input.

► Produces cinematic effects.

► Great for creative experimentation.

Example Usage

Story Visualization:

A student animates their story scene by scene using Kling.

Sci-Fi Concept Video:

A science teacher creates a futuristic tech scenario via Kling.

Social Message Clip:

Students create short clips on a social issue using AI visuals.

https://klingai.com

Video Tutorial

This video shows step by step how to create a video from an image. Kling AI is an advanced AI model that generates realistic videos from text.

Scan me

SORA

Categories

❱ *Video generation, Text-to-video, Cinematic AI.*

What Does It Do?

❱ *Sora is a video generation model by OpenAI that turns text prompts into detailed and realistic video clips.*

How to use it?

► Visit https://openai.com/sora/.

► Log in and input your script.

► It's not free.

Advantages

► Ultra-realistic videos.

► Understands complex scenes.

► Ideal for film and story visualization.

Example Usage

Script Visualization:

A teacher turns a script into a cinematic draft video using Sora.

Historical Reenactments:

Students recreate historical moments as short AI-generated videos.

Idea Prototyping:

A teacher demonstrates how abstract ideas can become visual scenes.

https://openai.com/sora

Video Tutorial

This video explains how Sora enables the generation of entirely new videos from text, brings still images to life, and allows for the extension, remixing, or blending of existing videos. New interfaces designed for easier prompting, enhanced creative controls, and community sharing are introduced.

Scan me

VEO 3

Categories

› *Video Generation, Text-to-Video, Cinematic AI.*

What Does It Do?

› *Google Veo 3 is an advanced AI video generation model developed by Google DeepMind. It transforms text or image prompts into high-quality videos enriched with synchronized audio, dialogue, music, and ambient sounds. Veo 3 excels in realistic physics simulations, natural movements, and lip-syncing to produce cinematic-level content.*

How to use it?

► Access to Veo 3 is currently available through Google's Gemini app and Flow platform with a Google AI Ultra subscription.

► Go to https://deepmind.google/models/veo/ or https://labs.google/flow/about.

► Sign in with Google account.

► Input your script. Generate the video.

Advantages

► Ultra-realistic videos with synchronized audio, dialogue, and music.

► Ability to understand complex scenes and physical movements.

► Natural lip-syncing and character motions.

► Generate 8-second videos from text and images.

► User-friendly experience with the Flow interface.

Example Usage

Educational Videos:

Teachers can convert text explanations into short educational videos.

Film Previews:

Screenwriters can visualize script drafts for presentations.

Historical Reenactments:

Students can recreate historical events through short videos.

https://deepmind.google/models/veo/

Video Tutorial

In this video, we walk you through a step-by-step guide on how to use Google Veo 3, the advanced AI video generation tool by Google DeepMind. From pricing to accessing the platform, crafting effective prompts, adding dialogue, and advanced techniques — everything you need to know is covered.

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LUMEN5

Categories

❯ *Video content, Auto video creation, Social media.*

What Does It Do?

❯ *Lumen5 turns written content into engaging videos. It's great for blogs, education, and social media promotion.*

How to use it?

▶ Go to https://www.lumen5.com.

▶ Enter a script or URL.

▶ It will automatically create scenes.

Advantages

▶ Auto scene generation.

▶ Includes templates and stock footage.

▶ Designed for social and educational use.

Example Usage

Blog-to-Video:

A student turns their blog post into a short educational video using Lumen5.

News Recap Video:

A social studies teacher creates a news roundup with visuals and text narration.

Vocabulary Video:

Students make short videos teaching vocabulary terms in context.

https://www.lumen5.com

Video Tutorial

This video shows how to take any video clip and get it social-media ready in under a minute using Lumen5. The process highlights Lumen5's user-friendly interface and fast editing tools that streamline content creation. Learn how to make your video shareable in no time.

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