Al-Powered Precision:

Elevating Color Guard Organizational Management



Introduction

Discover the transformative potential of Artificial Intelligence (AI) in enhancing the precision and efficiency of color guard program management. Designed for instructors and management teams, this session will unveil AI-driven solutions to streamline operations, improve communication, and maximize organizational impact. From automating administrative tasks to providing personalized insights for instructors, explore the key highlights. Revolutionize your approach to organizational management in color guard using AI!

Organizational Management

Organizational Management Tile Grid

Team and
Administrative
Communication

Training and Instructional Coordination

Rehearsal Planning and Management

Recruitment and Event Promotion

Travel and Logistics

Budgeting and Fundraising

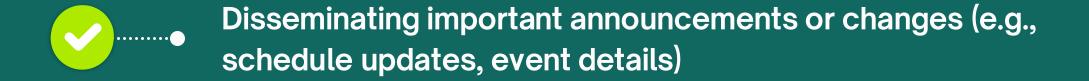
Show Design
Development and
Coordination

Performance Feedback and Judge's Critique Social Media and Brand Management

Documentation and Notes

Team and Administrative Communication

Refers to the overall communication within the team, including interactions between members, leaders, and administrative staff. It involves the sharing of information, updates, schedules, and any other logistical or organizational matters



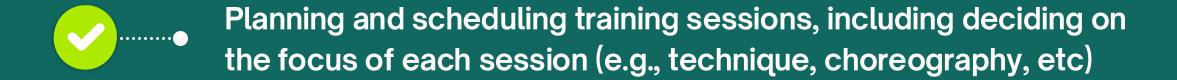


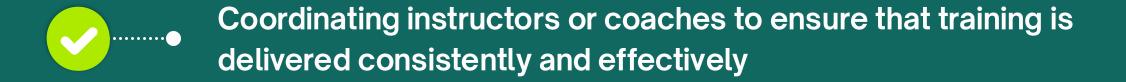
Facilitating day-to-day communication related to team operations (e.g., travel plans, attendance, or administrative tasks)

Handling communications with external parties, such as event organizers, sponsors, or other teams

Training and Instructional Coordination

Involves the organization and execution of training sessions, ensuring that instructional content is delivered effectively, and that practice is structured to maximize learning and skill development



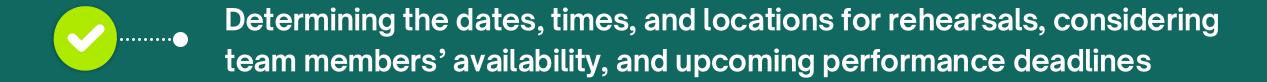


Monitoring and adjusting training plans based on the team's progress and needs

Providing feedback and assessments to help team members improve their skills and performance

Rehearsal Planning and Management

Involves attracting and onboarding new members or participants to the team or organization, while event promotion focuses on marketing and publicizing events to increase attendance, visibility, and engagement





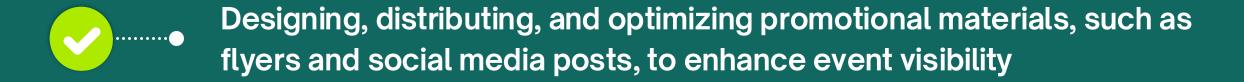
Ensuring that all necessary resources (e.g., equipment, music, space) are available and set up before the rehearsal begins

Keeping the rehearsal on schedule, ensuring that each part of the rehearsal plan is covered without rushing or wasting time

Recruitment and Event Promotion

Involves the detailed organization and oversight of rehearsal sessions, including the scheduling, structuring, and management of activities within each rehearsal to ensure that the team progresses efficiently toward performance readiness.





Coordinating with local media, sponsors, and partners to boost event promotion and outreach

Utilizing and analyzing social media, email marketing, and metrics to refine promotional strategies and maximize audience reach

Travel and Logistics

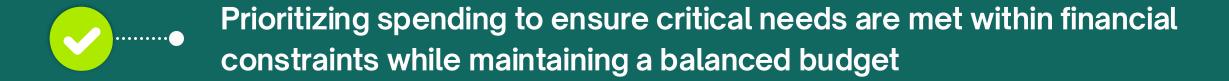
Involve the planning, organizing, and management of all transportation and logistical needs for the team, ensuring smooth operations during events, performances, and competitions

- Coordinating transportation for the team, equipment, and costumes to and from events and performances
- Booking accommodations, including hotels and meals, while considering budget constraints and team needs
- Managing schedules and itineraries to ensure timely arrivals and departures
- Handling any last-minute changes or challenges, such as delays or unexpected costs

Budgeting and Fundraising

involves planning, allocating, and managing financial resources to ensure that the organization can meet its operational needs and objectives, while focusing on generating revenue and financial support from donors, sponsors, or fundraising events



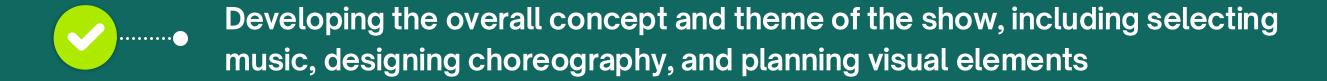


Organizing and managing fundraising events, such as car washes, bake sales, and sponsorship drives, to generate revenue

Engaging with donors and sponsors, running online campaigns, and tracking fundraising progress to analyze and improve effectiveness

Show Design Development and Coordination

Show design development and coordination involve the creation and integration of all elements of a performance, including choreography, music, costumes, and visual effects, to produce a cohesive and impactful show





Managing the timeline and deadlines for each aspect of the show's development to ensure everything is completed on schedule

Reviewing and refining the show's elements based on feedback and rehearsals, making adjustments as needed

Performance Feedback and Judge's Critique

Involves collecting, analyzing, and utilizing feedback from judges and observers to improve future performances and enhance the team's competitive edge



Analyzing critiques to identify patterns, strengths, and areas needing improvement

Communicating relevant feedback to the team in a constructive manner to guide future rehearsals and adjustments

Implementing changes based on feedback to improve routines, techniques, and overall performance quality

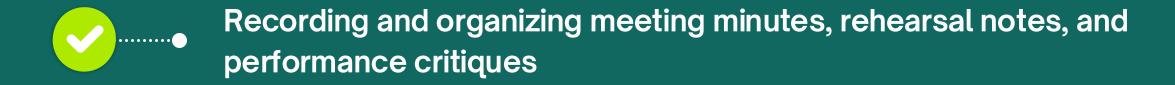
Social Media & Brand Management

Involves creating and maintaining a strong online presence and brand identity for the team, engaging with the audience, and promoting the team's activities, values, and achievements

- Developing and executing social media strategies to increase online visibility and engagement
- Creating content that reflects the team's brand, including posts, videos, and stories that highlight performances, behind-the-scenes moments, and team culture
- Engaging with followers, responding to comments, and managing the team's online reputation
- Analyzing social media metrics to measure the effectiveness of campaigns and adjust strategies as needed

Documentation and Notes

Documentation and notes involve the systematic recording and organization of all relevant information, including meeting minutes, rehearsal notes, performance critiques, and administrative records, to ensure accurate record-keeping and easy access to information





Ensuring that all documentation is accessible to relevant team members and stored securely

Regularly reviewing and updating documentation to reflect any changes or new information

We can easily check all of these boxes using Al

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Performance
Feedback and
Judge's Critique

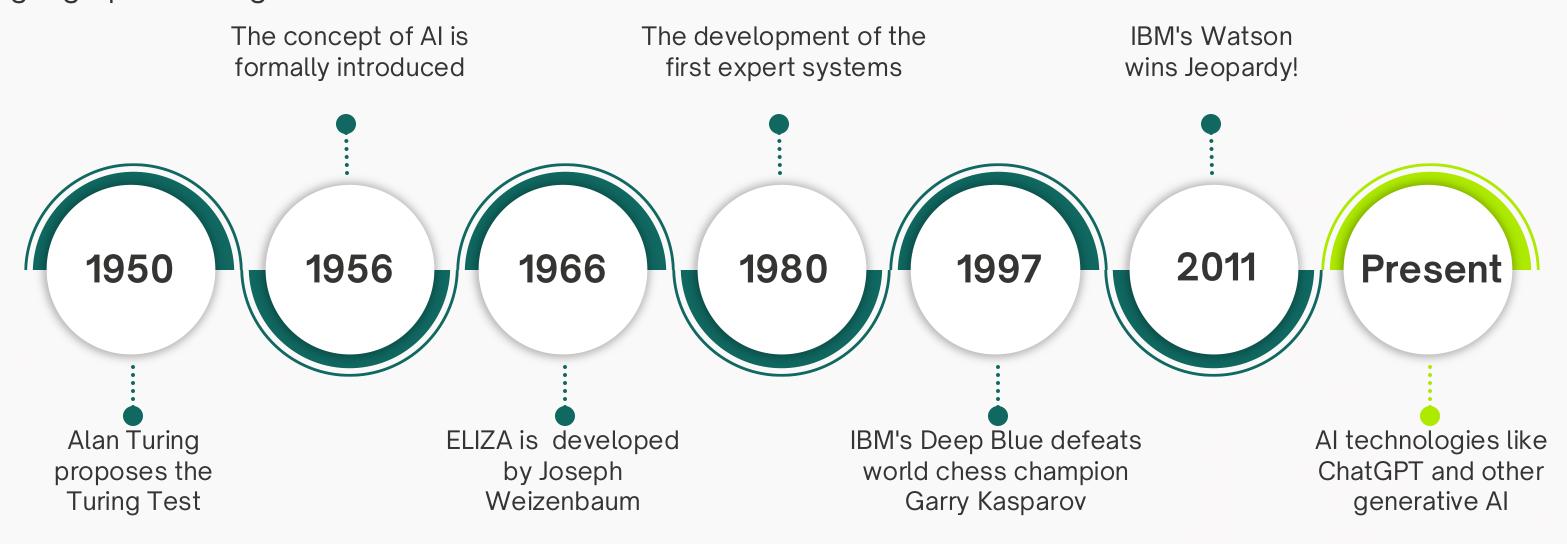
Social Media and Brand Management

Documentation and Notes

Origins and Core Concepts

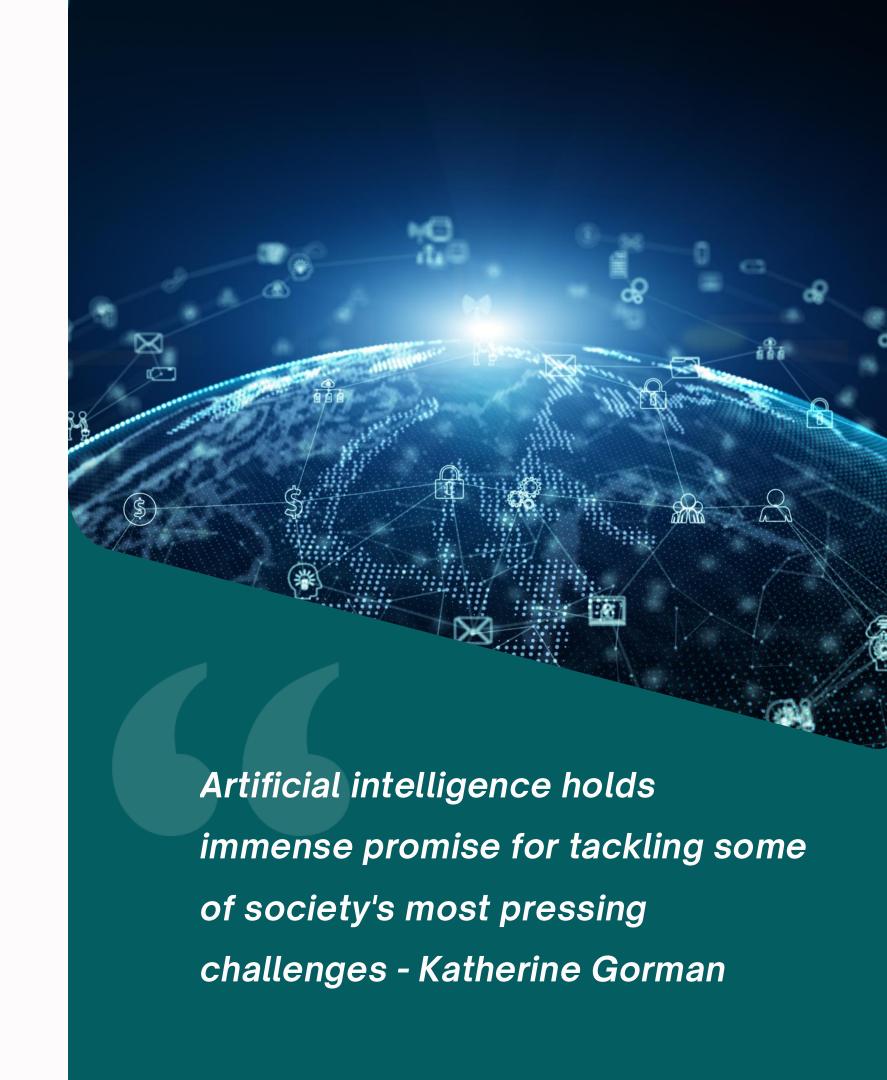
History of Al

The history of AI is marked by significant milestones that have shaped its evolution, from the development of early neural networks and expert systems to the rise of deep learning and natural language processing.



What is Al?

Artificial Intelligence (AI) is an interdisciplinary field focused on creating machines that can mimic human cognitive abilities, such as learning, reasoning, problem-solving, and decision-making. These intelligent systems are programmed to think and learn like humans, enabling them to perform tasks that typically require human intelligence, such as visual perception, speech recognition, decisionmaking, and language translation.



Types of Al

To date, all advancements in artificial intelligence have been limited to Narrow AI, which excels at specific tasks but lacks general cognitive abilities.





Narrow Al

Al systems that are designed and trained to perform specific tasks. They excel at particular functions but cannot perform tasks outside their designated field.



General Al

Possess the ability to understand, learn, and apply intelligence across a wide range of tasks, similar to human cognitive capabilities.



Superintellegent Al

A hypothetical form of AI that surpasses human intelligence in all aspects, including creativity, problem-solving, and social intelligence.

How is Al developed?

Al is developed through techniques like machine learning, neural networks, and deep learning, where models learn patterns from vast amounts of data to perform specific tasks.

Machine Learning

Al systems are trained on large datasets to recognize patterns and make decisions or predictions without explicit programming.

Neural Networks

Inspired by the human brain, neural networks consist of layers of interconnected nodes (neurons) that process data.

Natural Language Processing

Al models are developed to understand, interpret, and generate human language, enabling machines to interact with humans through text and speech.

Computer Vision

Al systems are created to interpret and understand visual information enabling tasks such as image classification, object detection, and facial recognition.

How is Al implemented?

Al is implemented through various methods that enhance efficiency and user experience, such as automating routine tasks, optimizing processes, and analyzing data for actionable insights.

Automation and Optimization

Al is used to automate repetitive tasks and optimize workflows, improving efficiency in industries like manufacturing, logistics, and finance.

Data Analytics

Al systems analyze vast amounts of data to uncover patterns, trends, and insights, aiding in decision-making across fields such as healthcare, marketing, and finance.

Natural Language Interfaces

Al powers voice assistants, chatbots, and customer service systems that allow humans to interact with machines.

Personalization Systems

Al tailors content,
recommendations, and
services to individual
preferences, widely used
in e-commerce,
streaming services, and
digital advertising.

What is Generative Al?

Generative AI refers to a category of AI models and algorithms that create new content, such as text, images, music, and other forms of media, by learning patterns and structures from existing data. These systems can generate original content that resembles the data they were trained on, allowing them to produce essays, answer questions, compose music, and even hold human-like conversations.



Types of Generative Al

Virtual Assistants and Chatbots



Al systems like Siri, Alexa, and Google Assistant use generative Al to understand and respond to user queries, perform tasks, and engage in conversations.

Content Generation Tools



Platforms like GPT-3 or ChatGPT are used for generating written content, including articles, emails, and creative writing, based on user prompts.

Media Creation Tools



Tools such as DALL-E and DeepArt create visual content, including artwork and photos, based on textual descriptions or existing images.

Recommendation Systems

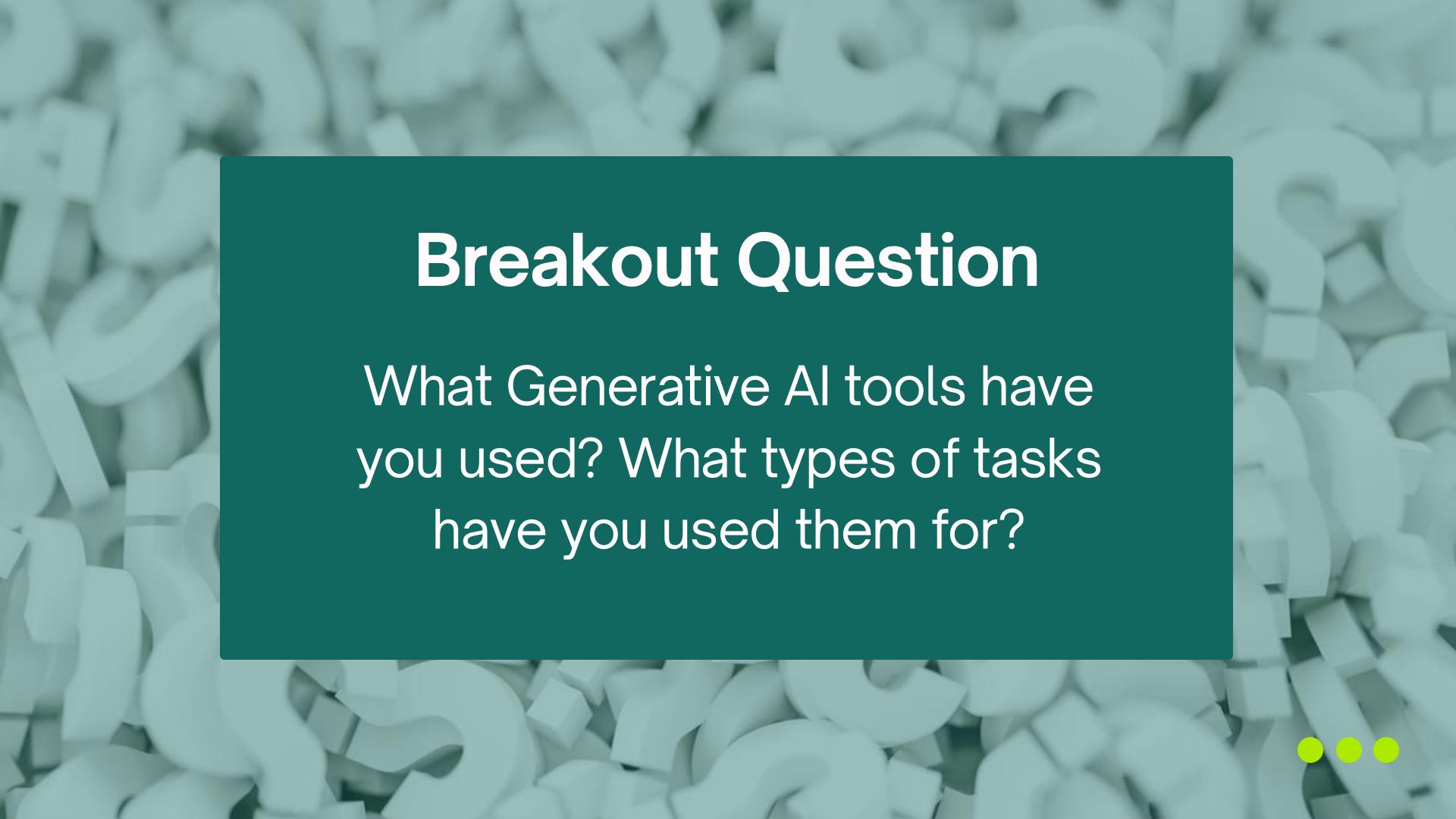


Al algorithms on platforms like Netflix, Spotify, and Amazon use generative techniques to recommend personalized content.

Social Media Filters and Effects



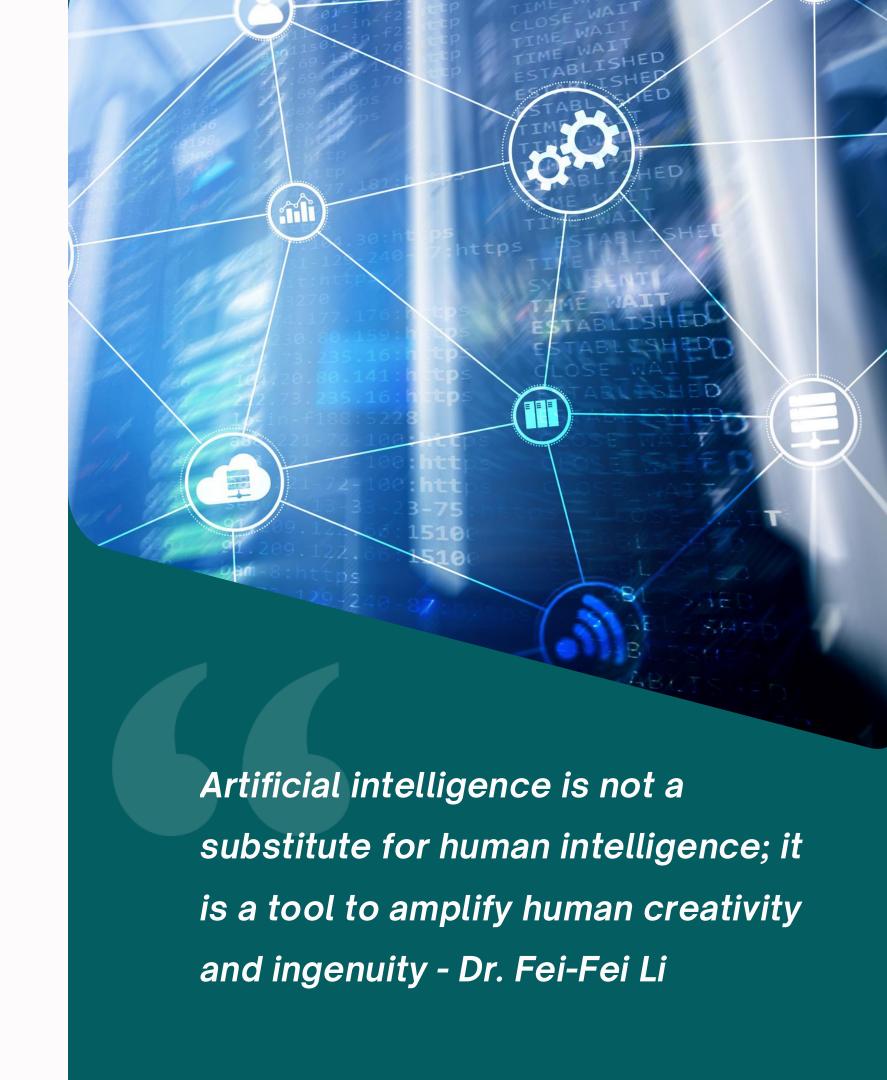
Applications like Instagram and Snapchat use generative AI to apply filters, effects, and augmented reality (AR) enhancements to photos and videos.



Virtual Assistants and Chatbots

Getting Specific

Most AI tools on the market utilize similar underlying technology. For example, virtual assistants and chatbots can perform many tasks available on education-specific sites. The goal is to empower educators to grow their understanding and utilize AI technology, ensuring its capabilities are leveraged effectively. Additionally, engaging with the same tools that students use outside the classroom helps bridge the gap between educational and personal tech experiences.



Which virtual assistant is best for me?



Apple's virtual assistant integrated into iOS devices. Siri handles a variety of tasks, such as setting reminders, sending messages, and answering questions, using natural language processing.



Available on Android devices and Google Home smart speakers, Google Assistant provides voice-activated assistance, manages tasks, answers questions, and controls smart home devices.



Alexa offers voicecontrolled features for managing smart home devices, shopping, and providing information. It also supports a wide range of third-party "skills" for additional functionality.



Initially integrated into
Windows devices and
Microsoft 365, Cortana
helps with task
management, reminders,
and answering questions.

Utilizing virtual assistants checks off three categories on our organizational management tile grid

Team and
Administrative
Communication

Training and Instructional Coordination

Rehearsal Planning and Management

Recruitment and Event Promotion

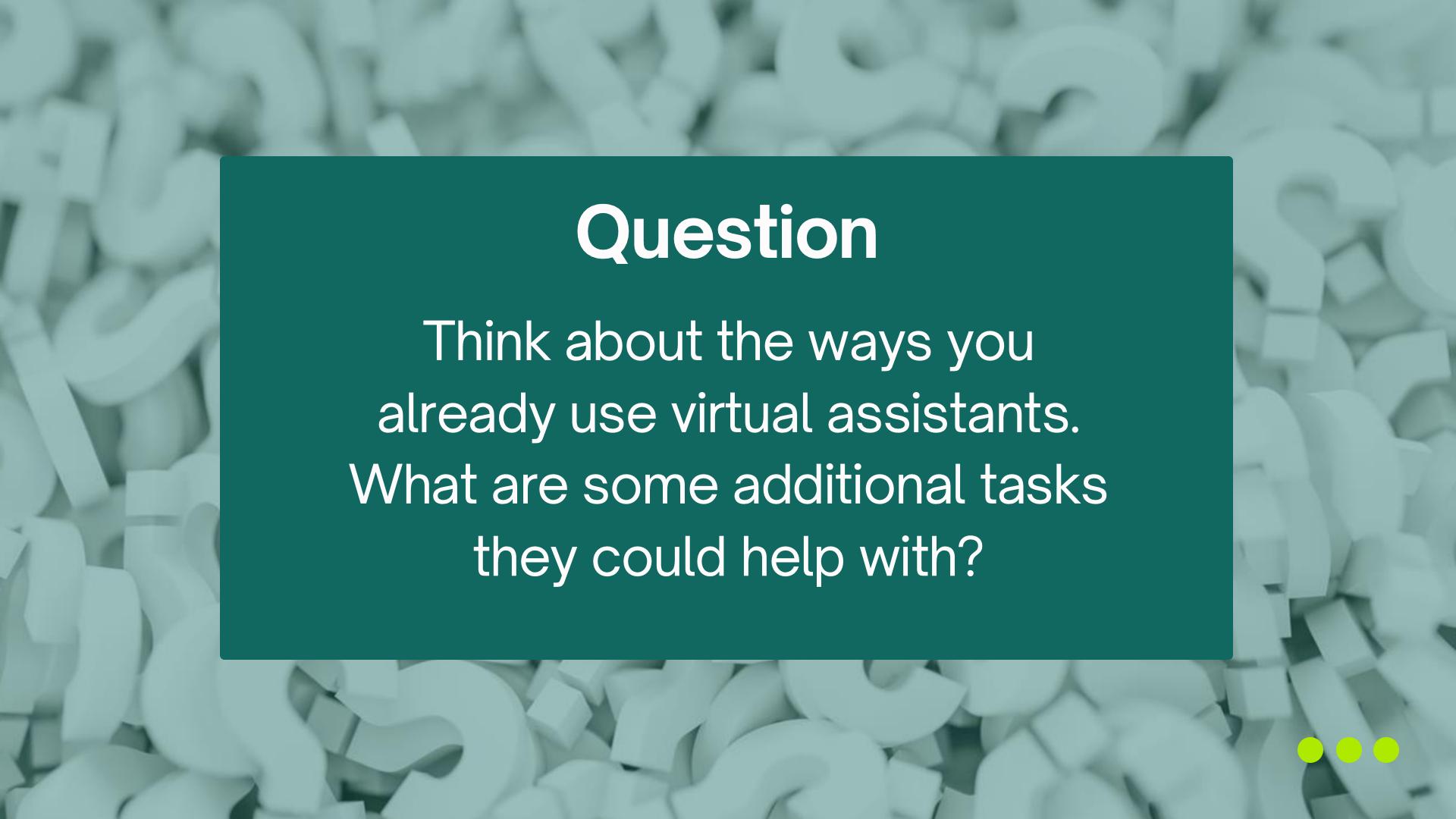
Travel and Logistics

Budgeting and Fundraising

Show Design
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Documentation and Notes



Content Generation Tools

Which content generation tool is best for me?



ChatGPT, created by
OpenAI, is a versatile
conversational AI model
capable of engaging in
diverse tasks, from
answering questions to
creative writing, widely
used in various
industries.



Google Gemini,
developed by Google
DeepMind, is a
multimodal AI that
integrates text and other
data types with powerful
search capabilities,
designed for contextaware interactions and
complex queries.



Claude, developed by
Anthropic, is an Al
assistant focused on
safety and ethical use,
designed to generate
reliable and responsible
content, particularly in
sensitive contexts.



Microsoft Copilot, a collaboration between OpenAI and GitHub, is an AI-powered code completion tool that assists developers by suggesting and autocompleting code, enhancing productivity in software development.

Utilizing chatbots checks off all categories on our organizational management tile grid

Team and Administrative Communication

Training and Instructional Coordination

Rehearsal Planning and Management

Recruitment and Event Promotion

Travel and Logistics

Budgeting and Fundraising

Show Design
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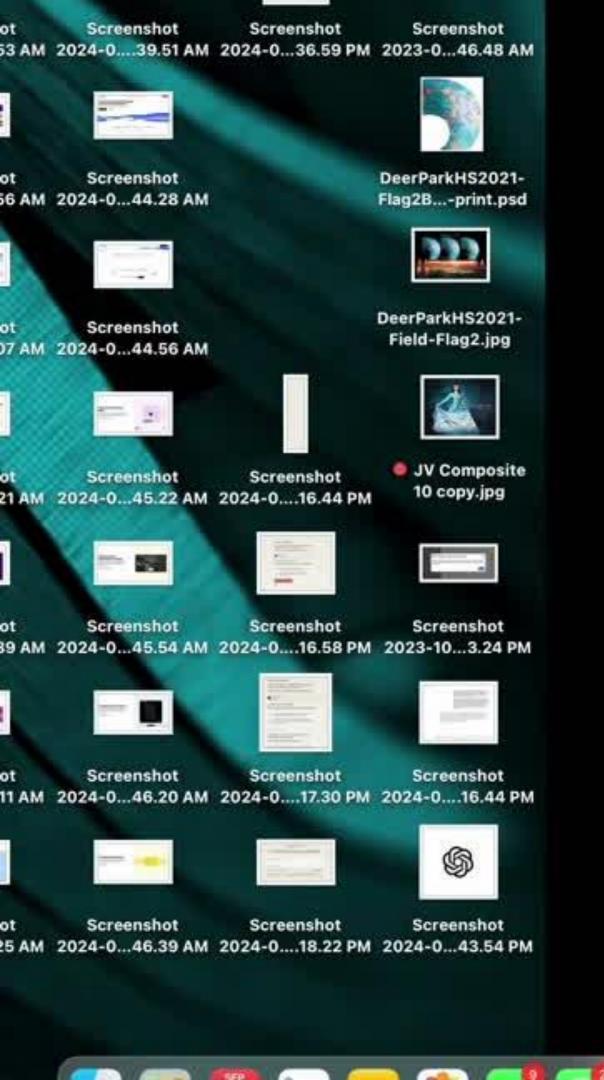
ChatGPT

Created by: Open Al

- \$12 Billion raised for research
- Most powerful model, FREE
- Browse the internet in real time
- Ad-free experience
- Create custom GPTs
- Usage limit on free version
- Rate limited

Premium Version - \$20/month







Google Chrome



Write a short story

Test my knowledge

on ancient civilizations

tailored to my favorite genre

Plan a mental health day

asking a friend to be my plus-on

to help me relax

Write a text

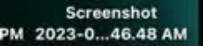
Message ChatGPT

Google Gemini

Created By Google

- Multi-model, audio, video, text
- Native integration (Google maps, docs, etc)
- Limited sources within generated response
- User experience more streamline
- 1M token limit context window
- Create custom GPTs
- Ad-free experience for premium

Premium Version - \$19/month





DeerParkHS2021-Flag2B...-print.psd



DeerParkHS2021-Field-Flag2.jpg



JV Composite 10 copy.jpg



Screenshot PM 2023-10...3.24 PM

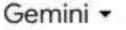


Screenshot PM 2024-0....16.44 PM



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Screenshot PM 2024-0...43.54 PM

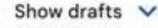




See the latest updates to the Gemini Apps Privacy Hub



What is colorguard?





Try Gen



Color guard is a performing art that combines dance, choreography, and the manipulation of equipment like flags, rifles, and sabers.

It's often seen as part of marching bands, where the color guard's visual elements enhance and interpret the music.

Here are some key points about color guard:

- Visual Interpretation: Color guards use their movements and equipment to visually represent the themes and emotions of the music.
- Equipment: Beyond flags, they may also use rifles, sabers, air blades, or other props to create visual effects.
- Performance: Color guards often perform during marching band shows, football games, and competitions.
- Dance and Choreography: The performances involve intricate dance moves and synchronized routines.

Would you like to know more about color guard competitions or the history of this art form?

Enter a prompt here





Claude

Created By: Anthropic

- \$7.5 Billion raised for research
- Haiku, Sonnet, Opus models
- Model cut off date behind Open Al
- Doesn't have the ability to browse internet
- 200,000 token limit context window
- No Custom GPTs
- Ad-free experience

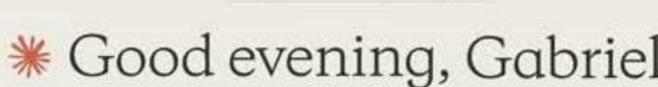
Premium Version - \$20/month



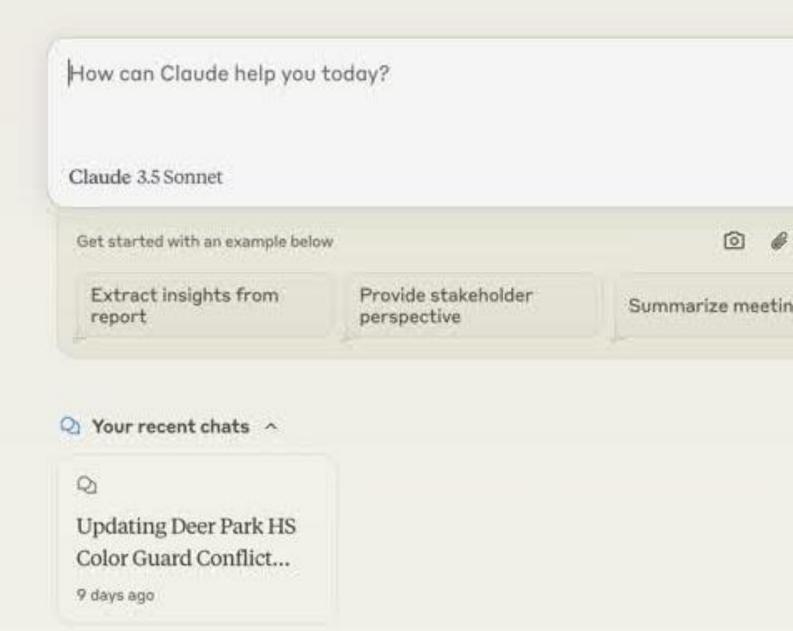




Claude



Using limited free plan Upgrade





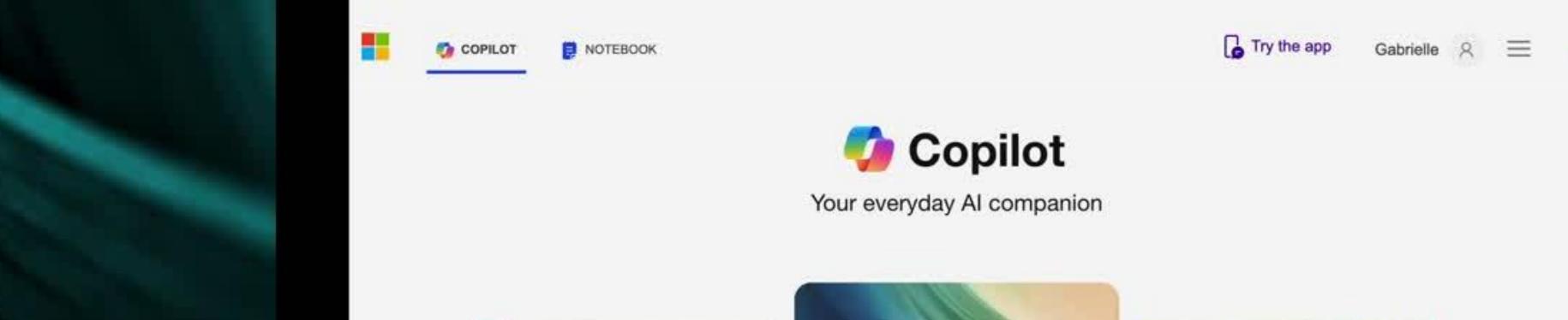
Microsoft Co-Pilot

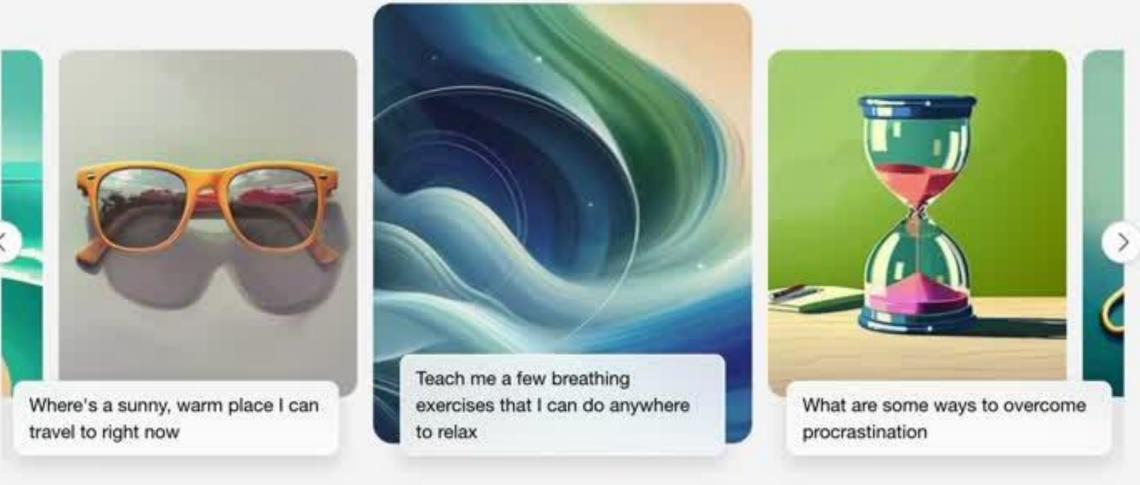
Created By: Microsoft

- Multi-model, audio, video, text
- Native integration (Office 365 products)
- No specific token limit context window
- Cut off date Sept 2021 for free version
- More of a learning curve needed
- No Custom GPTs
- Ad-free experience

Premium Version - \$30/month









And the winner is.....





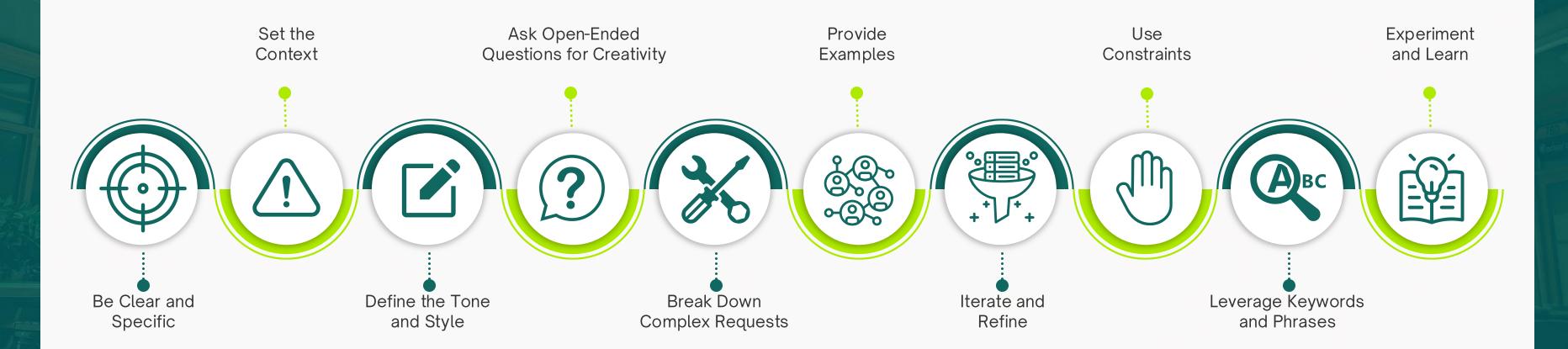


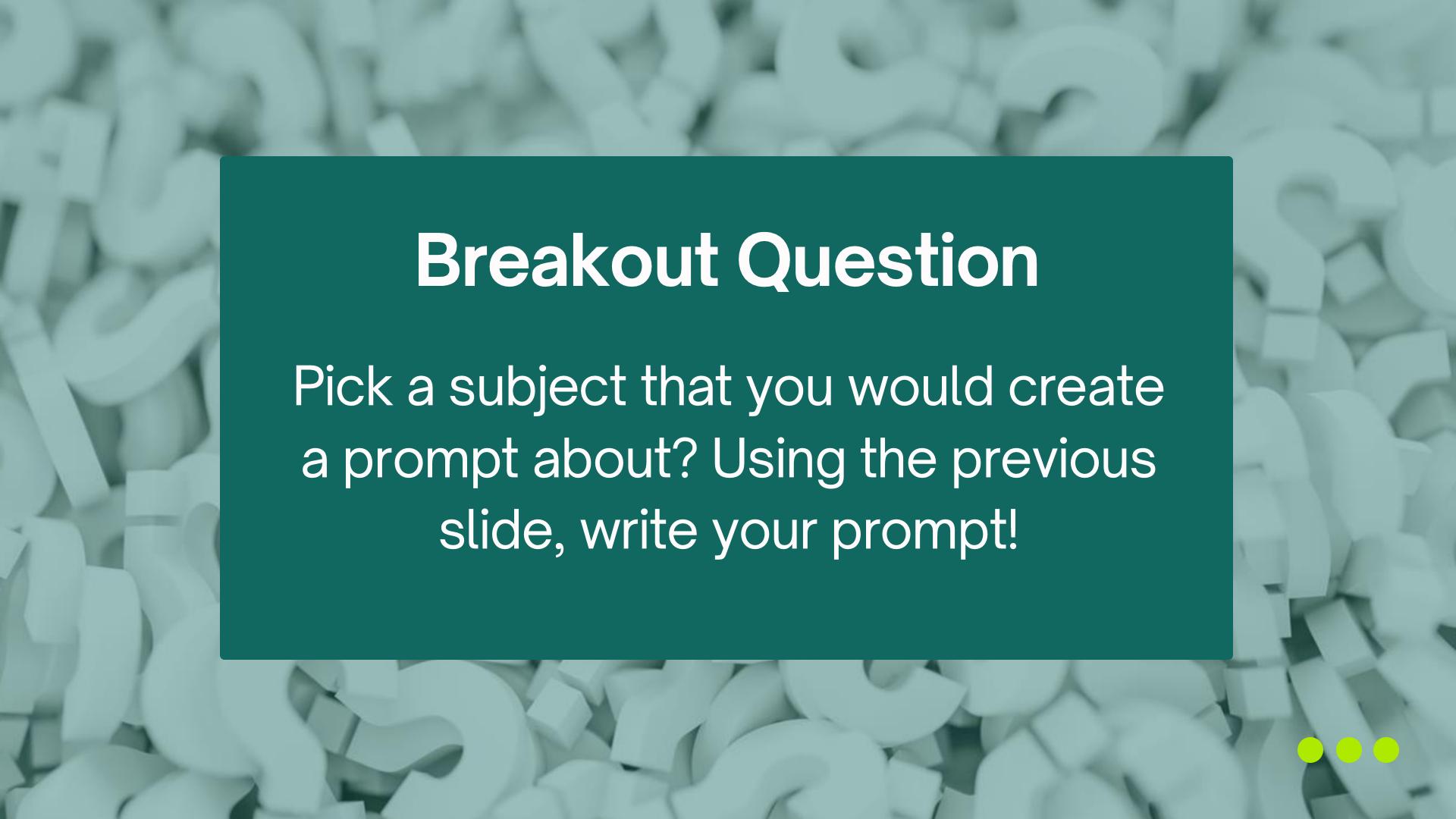


Creating a GPT Prompt

CGT Prompt Elements

Writing a great prompt is essential for generating the desired output, whether you're using AI tools like ChatGPT, DALL·E, or other generative models.

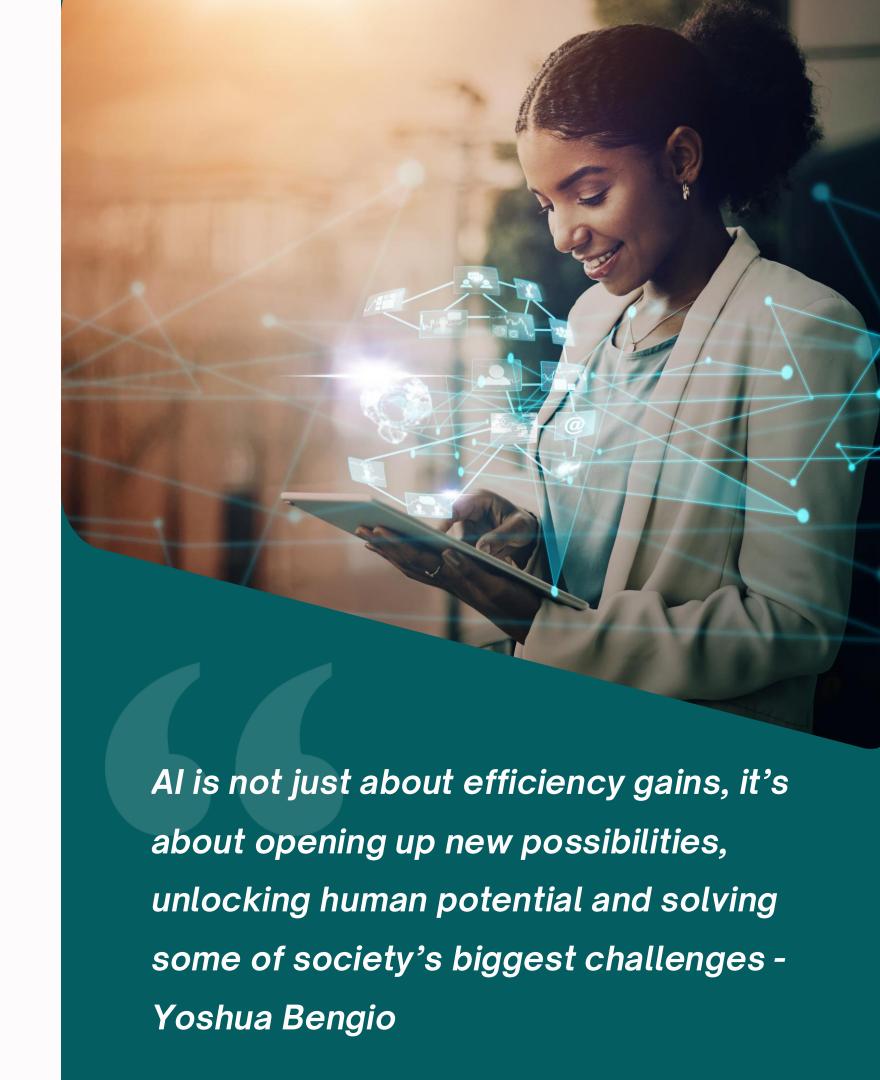




Media Creation Tools

Creating Made Easy

For teams and organizations, AI media tools help maintain a consistent and professional online presence, improve engagement with audiences, and foster creativity by providing new ways to visualize and present ideas. These tools can automate complex editing tasks, suggest creative elements, and produce customized content that aligns with specific needs and styles. This makes them invaluable for producing polished, compelling content across various platforms.



Which media creation tools are the best for me?



DALL-E generates images from text descriptions. It can create highly detailed and imaginative visuals by combining concepts in ways that often defy traditional constraints, making it a powerful tool for creative and design work.

Canva

Canva is a user-friendly graphic design platform that offers a wide range of templates and design tools, allowing users to produce everything from social media posts to presentations with ease, regardless of their design experience.

||Eleven ||Labs

Eleven Labs.io is an Alpowered tool that specializes in generating realistic and natural-sounding voiceovers from text. It creates voice content for videos, podcasts, and other media, providing high-quality audio.

Utilizing media creation tools checks off four categories on our organizational management tile grid

Team and
Administrative
Communication

Training and Instructional Coordination

Rehearsal Planning and Management

Recruitment and Event Promotion

Travel and Logistics

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DALL-E

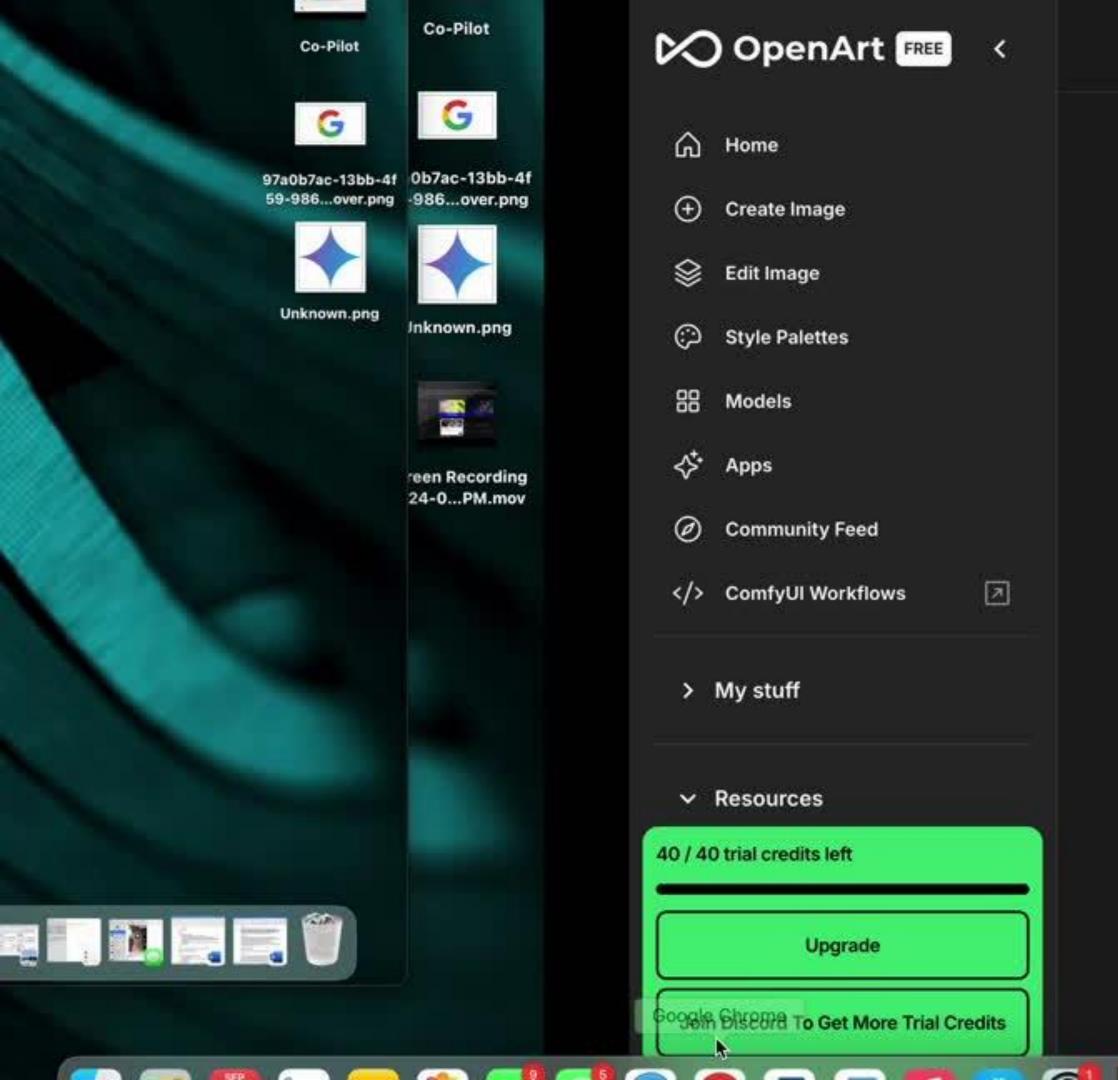
Features:

- Creates detailed images from text prompts
- Customizable styles, objects, and scenes
- High-resolution output for professional use
- Advanced prompt editing and variations
- Easy export and sharing integrations
- API access for app developers

Free Plan: Limited image generations

Pro: \$15/month





500 million serve

Canva

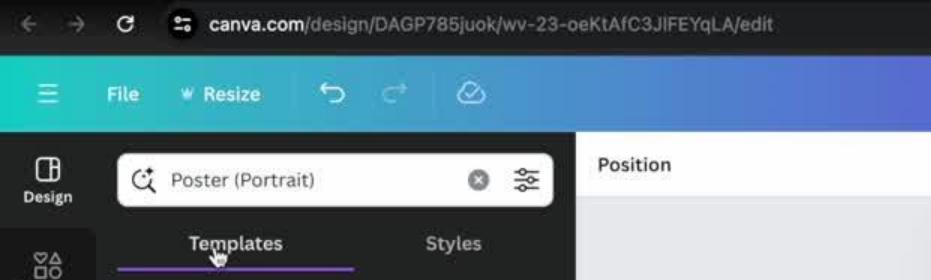
Features:

- Al-powered design tools
- Magic Eraser and Edit for images
- Text-to-image creation
- Automated text generation
- Background removal
- Vast template library and assets
- Easier to use, no design experience needed

Free Plan: Basic Magic Studio tools

Pro: \$12/month





GRATITUDE

GALORE SALE

Discourt | 45% | All trems

Believe

you can

& you're halfway there.

Elements

Text

١

Brand

6

Uploads

8

Draw

Projects

Apps

0

Photos

•

Computer

Services

30% OFF

Repair

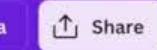
st speed and efficiency

Copy of 2023 Audition Flyers









Finish update :





Eleven Labs

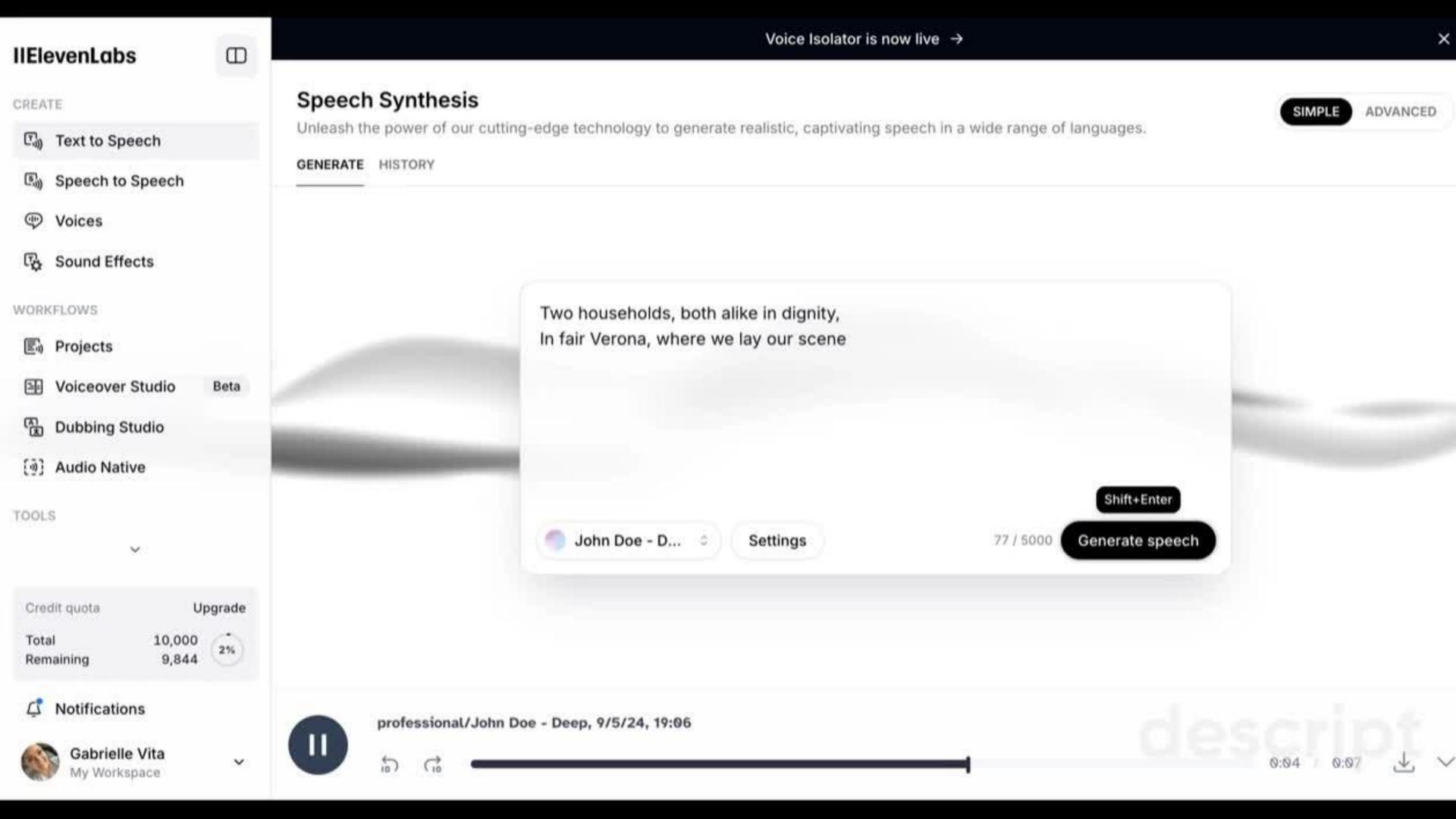
Features:

- Al-driven text-to-speech with natural voices
- Voice cloning for personalized audio
- Multilingual support with various accents
- Realistic emotion and tone control
- Fast audio generation and export
- API access for custom integration
- Ideal for content creators

Free Plan: Limited voice generation

Pro: \$22/month

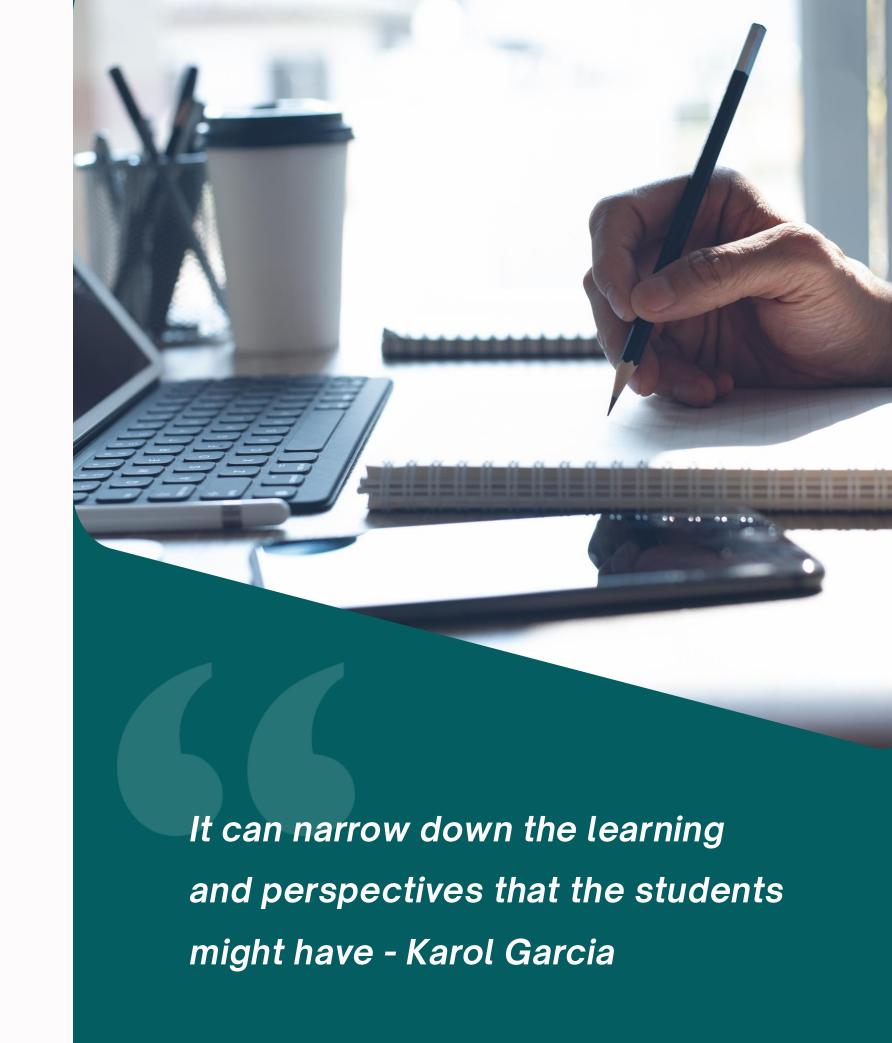
IIEW ILabs



The Future of Artifical Intelligence

In the Classroom

Al is enhancing educational environments by personalizing learning through adaptive tools, automating administrative tasks, and increasing engagement with interactive technologies. It provides data-driven insights to address learning gaps, supports diverse needs with assistive features, and offers personalized professional development for educators. Additionally, AIdriven translation tools help break down language barriers, making education more accessible and effective.



Students are using EdTech that incorporates AI technology within their products more and more everyday...

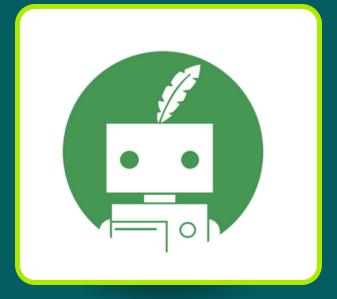
















Notta

Features:

- Accurate meeting transcription and summary
- Integrations with Google Meet, Zoom, Teams
- Real time transcription to translation features
- Transcribes 58 languages
- Export to DOC, PDF, and more
- Generates meeting summaries

Free Plan

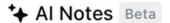
Pro: \$9/month (billed annually; 1800 minutes)

Business: \$17/month



Use Notta to Summarize Competition Suite Audio Files















<

Transcript

Translate 🔷

Correction reference



Summary

Add Speaker Name

The lecture is an adjudication of a performance by the Deer Park High School JV team. The adjudicator, Doug Henderson, provides detailed feedback on the team's execution of various elements, including their work with the equipment, the speed and weight quality, and the use of gestures and flags. He highlights areas of strength and provides constructive criticism to help the team improve their performance.

Chapters



Create Al Summaries

00:00:15 Introduction and Initial Observations

The lecture begins with Doug Henderson introducing himself and wishing the Deer Park High School JV team the best of luck in their performance. He then proceeds to observe the team's opening sequence, noting their skilled manipulation of the equipment and the overall quality of their work.

00:00:58 Feedback on Specific Elements

Henderson provides detailed feedback on various aspects of the team's performance. He comments on the speed and weight quality, the use of gestures to guide the fabric through the performance space, and the introduction and layering of equipment like guns and flags. He highlights areas of strength and provides constructive criticism to help the team improve their technique and execution.

Doug Henderson 00:15



Reference Time Stamps

Hello, Deer Park High School JV, this is Doug Henderson from Dallas, Texas, adjudicating. Your performance today in the eye. Caption of equipment I like to wish you the best of luck. Looking forward to seeing your production. Here you go.

Doug Henderson 00:58

I'm just watching. These opening. Two rows of individual. Work in and out of the ground and manipulate. The train. Really well done. Why can't I hold on? Hey. So it's quite a surprise. They're. Very nicely achieved.

Doug Henderson 01

More so about the speed and the weight quality and how you pull that out. So as I'm sampling individuals over on ral efforts of that torso. To guide. **Edit Incorrect Dialogue**

Doug Henderson 02:02

Get Full Transcript

Incomplete transcription. Upgrade to Pro to get the full transcript.

Reference Audio File

Upgrade

working to the.





03:13

00:16

Doug Henderson

All speakers \vee











2min 17s · 71%

Shortcuts

00:02:57 Cancluding Damarks

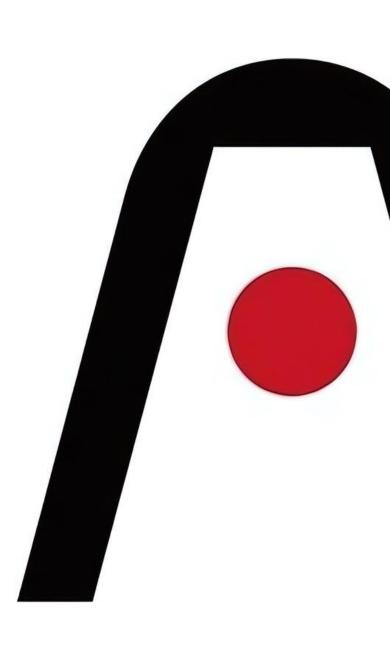
PLAUD.AI

Features:

- Al voice transcription with high accuracy
- Real-time transcription and editing
- Supports multiple languages and accents
- Cloud storage for easy access and sharing
- Automated summaries and highlights
- Integration with popular productivity tools
- User-friendly interface for seamless recording

Free Plan: Basic transcription and storage limits

Pro: \$10/month







Utilizing notetaking tools checks off six categories on our organizational management tile grid

Team and Administrative Communication

Training and Instructional Coordination

Rehearsal
Planning and
Management

Recruitment and Event Promotion

Travel and Logistics

Budgeting and Fundraising

Show Design
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Documentation and Notes



THANK YOU

For attending this presentation

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