

What's Out There?

Investigating Creative Apps of Generative Artificial Intelligence (Gen AI) Tools

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Session Norms

We agree to:

- Control our local environment
 - Be active participants
 - Improve student learning and our teaching practices
 - Focus on strengths and solutions rather than deficits
 - Be aware and intentional about using inclusive language that honors DEIA
 - Have fun!
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Objectives

- Analyze the adoption and integration of generative AI
 - Explore different types of generative AI tools
 - Discuss the role generative AI tools can play in your courses
 - Identify at least one generative AI type/tool to investigate further
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Agenda

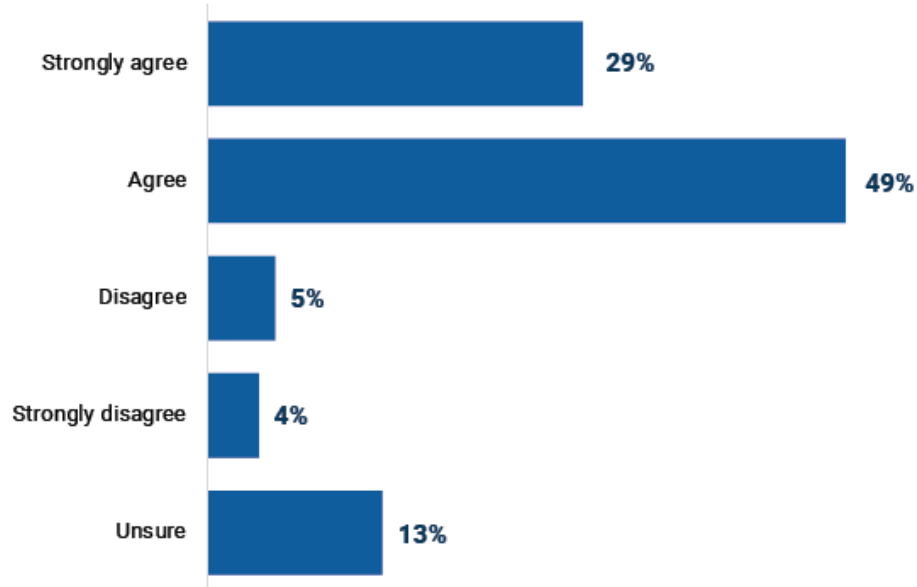
- Generative AI “State-of-Affairs”
 - Text-generation tools and strategies
 - Image tools
 - Presentation tools
 - Other tools and applications of Gen AI
 - Explore
 - Debrief
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“Perspectives on Generative AI” – The Chronicle

The Educational Positives and Threats

How much do you agree with the following statement?

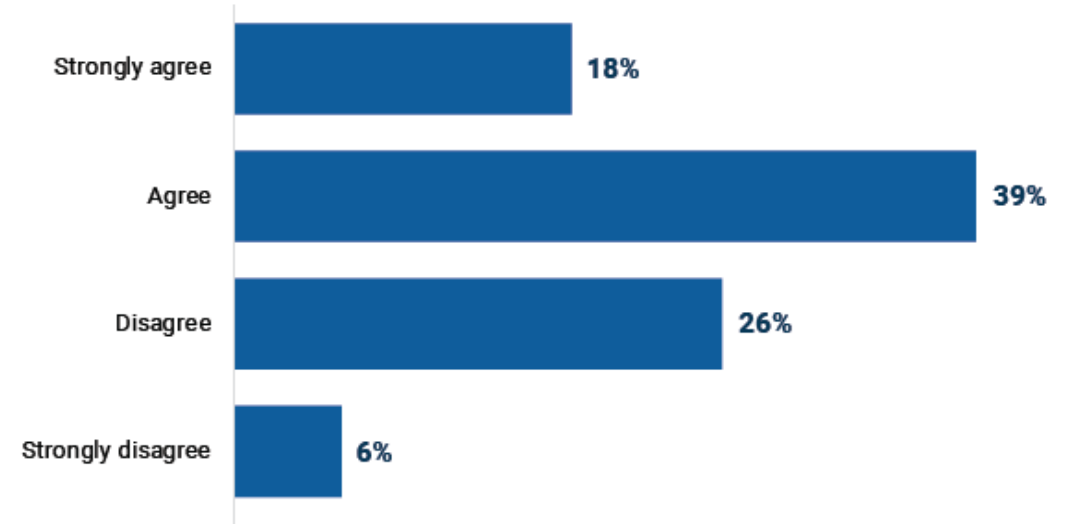
“Generative-AI tools offer an opportunity for higher education to improve how it educates, operates, and conducts research.”



Source: Chronicle survey of 404 college officials

How much do you agree with the following statement?

“Generative-AI tools pose a threat to how higher education educates, operates, and conducts research.”



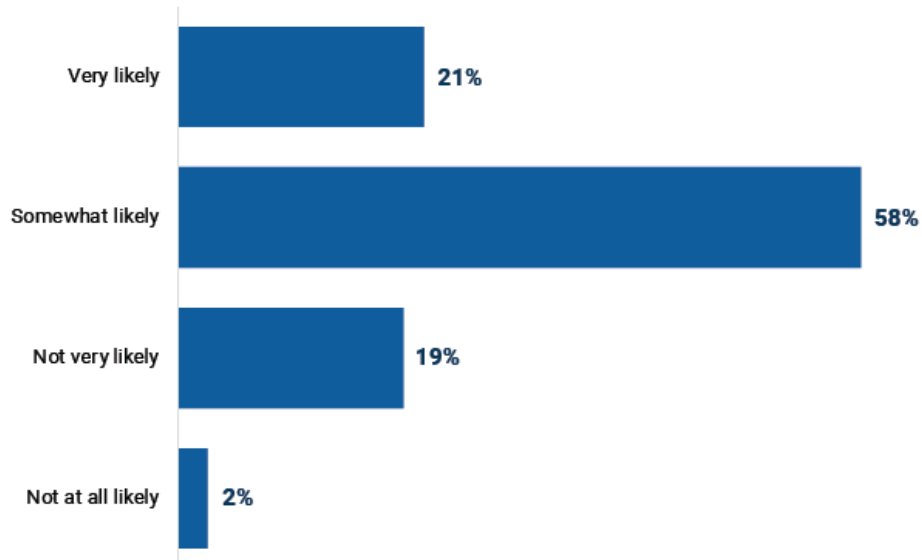
Source: Chronicle survey of 404 college officials

Note: Percentages do not total 100 percent due to rounding.

“Perspectives on Generative AI” – The Chronicle

Integration and Benefits

How likely is your institution to embrace the integration of generative-AI technology in teaching practices?



Source: Chronicle survey of 404 college officials

Which of the following do you believe will be the primary benefits of generative-AI for students?
Choose all that apply.

Personalized Education Experiences and Assessment	63%
Interactive Learning Experiences	62%
Career Readiness	55%
Streamlined Research and Writing	54%
Creative Exploration and Enhanced Visual Communication	50%
Other	3%

Source: Chronicle survey of 404 college officials

Personalized Education Experience K-12

Example – Khanmigo (Khan Academy)

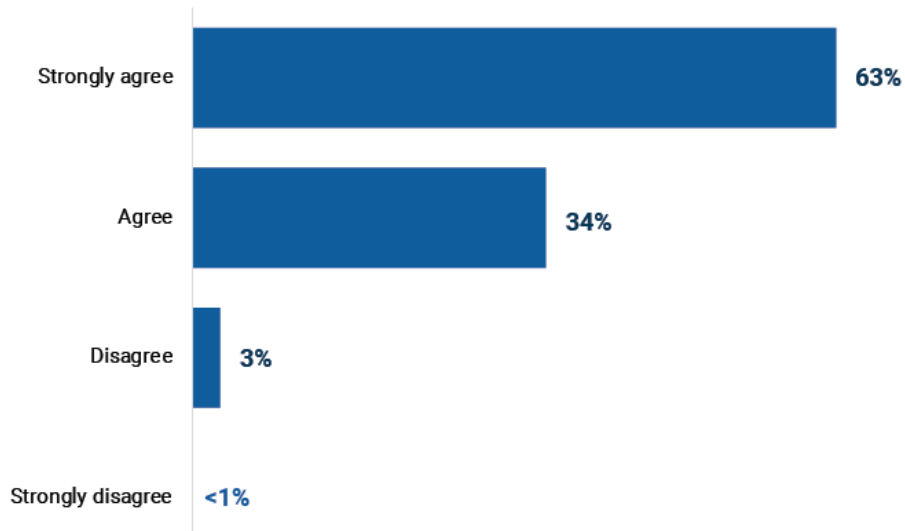


<https://www.youtube.com/watch?v=rnlgnS8Susg&t=932s>

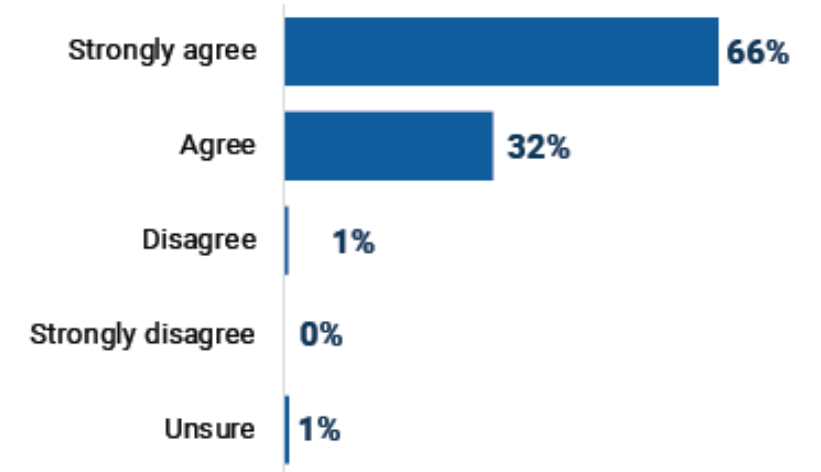
“Perspectives on Generative AI” – The Chronicle

Adoption – BUT, Poll First!

How much do you agree with the following statement? “It will be impossible to avoid generative-AI disruption in the education space, and institutions must prepare and embrace it.”



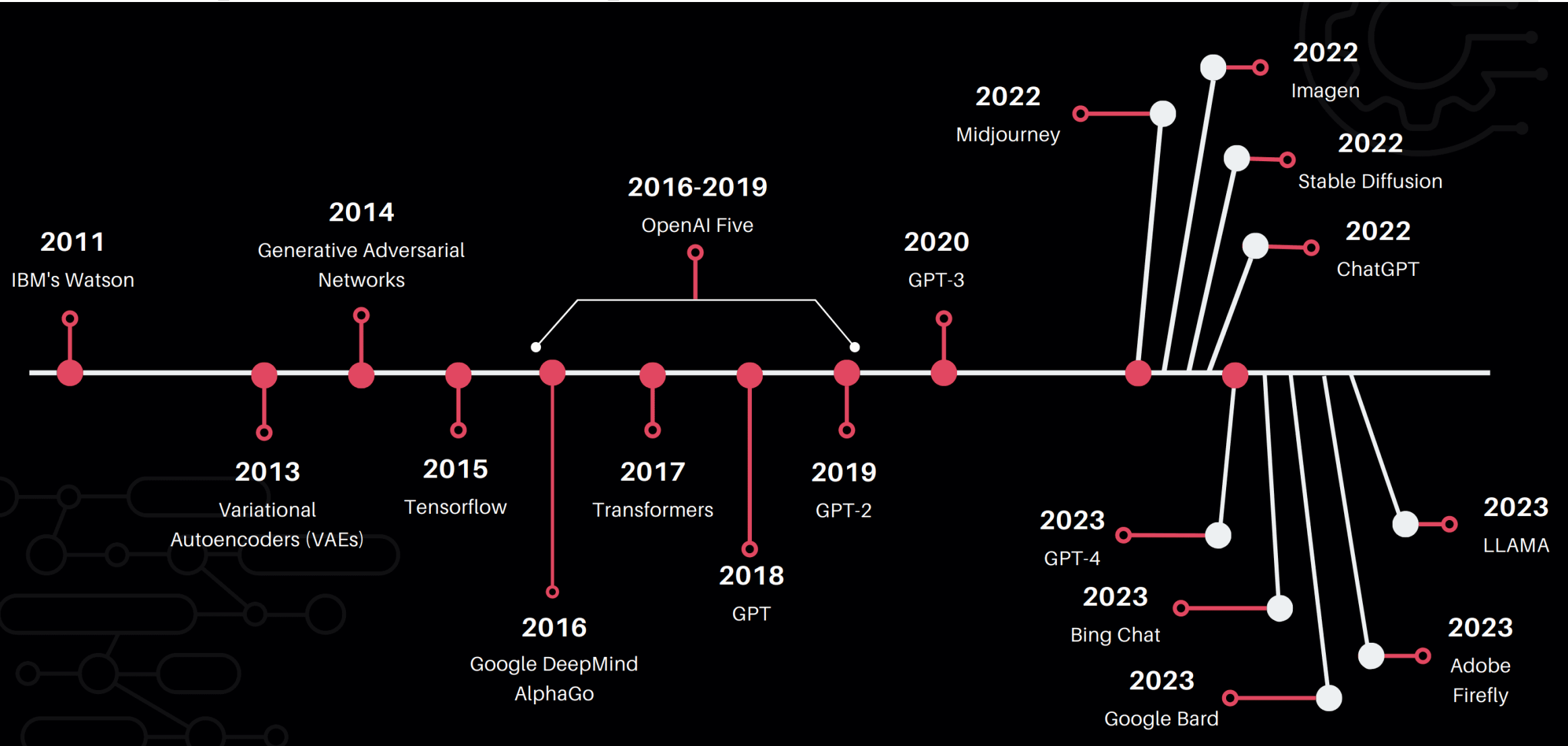
“Generative-AI tools will require instructors to rethink how they assess students.”



Source: *Chronicle* survey of 404 college officials
Note: Percentages do not total 100 percent due to rounding.

The Speed and Spread of Gen AI

<https://www.desdevpro.com/blog/talk-rise-of-generative-ai>



The Speed and Spread of Gen AI

The Educational Positives

- Available to most people on familiar platforms
 - More funding and attention to ethical considerations
 - Expanded daily capabilities
 - [Google Duet](#) and [Microsoft Copilot](#) “assistants”
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The Speed and Spread of Gen AI

**Workspace
at Next 2023**

Google Cloud

<https://www.youtube.com/watch?v=PkOLx3pSoiA>

The Speed and Spread of Gen AI

The Educational Challenges

- Keeping up with emerging technologies
 - Rapid need to adapt
 - Complexity: Authentic assessment
 - Ambiguity: Human vs AI
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Take a minute to reflect (type it/write it down):

- What is coming up for you right now after this conversation?
 - What surprises you?
 - What supports might you need to be ready for this adoption?
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GAI.1 Text Generation and Chat

The tools

- ChatGPT
- Google Bard
- Microsoft Bing Chat
- GrammarlyGO
- ChatPDF
- QuillBot

The applications

- Brainstorming
 - Generate content/cases
 - Writing and editing “co-pilot”
 - Critical analysis
 - Journal/reflection of the AI/self-creation process
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Text Generation and Chat Use-Case

Introductory Activity for MA/Doc Students in an Evaluation course

- AI (ChatGPT) assisted in creating the Case Study options and underlying theory
 - Refinement was necessary throughout the chat with GPT
 - Created personas for students to extract information from
 - Generated and edited interviews between evaluator and these personas
 - Asked students to identify key elements in pairs, then debriefed
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GAI.2 Presentation Generation

The tools

- Simplified
- Beautiful.Ai
- SlidesGO
- Prezi AI ([launching Oct 2023](#))
- Microsoft Copilot
- Google Duet

The application

- Class presentations
 - Pitches
 - Reflection and familiarization
 - Etc.
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GAI.3 Image Generation

The tools

- Craiyon
- Microsoft Bing Image Creator
- Dream by WOMBO
- Adobe Firefly
- Google Bard
- Canva

The applications

- Infographics
 - Creative projects and work
 - Create data visualizations
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Reflect For 5 minutes!

Choose a tool OR type of tool and journal about the following:

- Reflect on the tool or type of tool and what you would like to know more about it.
 - How might you deploy this tool in your teaching?
 - How might this change your philosophy on teaching and what students produce?
 - What worries do you have about implementing this tool in your teaching?
 - How can you structure the activity/tool to minimize these anxieties?
-

Discuss For 5 minutes!

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GAI.4 Other Tool Types

The tools

- Coding
- Sound/music generation
- Video generation
- Analytic automation

The applications

- Endless...honestly



Exit Reflection / Post-Session Activity

Canvas TEP Course Follow-up (Credit optional Due 10/31)

- Explore one tool that was new to you:
 - Describe the experience working with the tool, the strengths of the tool, or other notes about the functionality of the tool.
 - How might you use the tool to support learning in one of your courses?

OR

- Share a tool that you have used that was not demoed in the session:
 - Explain the purpose of the tool and ease of use for instructors and students new to the tool.
 - How have you used (or plan to use) the tool to support learning in your courses?
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