Welcome to AI Digest! A periodic digest of all things Generative AI, from AI tools to higher ed to industry and the future of jobs. Views expressed do not reflect the official stance or endorsement of Texas Tech University. Remember to ALWAYS use generative AI responsibly:

- Protect intellectual property and personally identifiable information.
- Verify all output.

Teaching

Harvard Business Publishing Education Offers Free Teaching Webinars

Choose from their complimentary library of previous recordings for insights and advice from top leaders in education.

Via The Neuron: OpenAI's new fine-tuning tool lets models become experts in your field.

OpenAI just announced a way to make these models experts in specific domains with reinforcement fine-tuning (RFT).

Early uses include:

1. Computational Biology: Identifying genes responsible for rare diseases
2. Legal research and analysis with Thomson Reuters.
3. Financial modeling and risk assessment.
4. Engineering problem-solving.
5. Insurance underwriting.

Apply for early access here. It's still in alpha, and spots in their research program are limited. But if you're working on complex tasks (something where experts could agree on what makes an answer "correct") then apply away.

Small Bytes Blog: (What if) My Students are Using AI tools to Answer Online Tests?

QuizMate is an example of one of the many mobile apps or browser extensions that allow students to snap a picture of a question so that an AI assistant can instantly provide an answer and explanation of a given topic. A more positive application is that this tool could be used to take a picture of text and generate a quiz to test comprehension and recall.

Multimedia

[19+ Pre-made AI Tutorials to Turn Your Simple Ideas into Engaging Contents in Minutes](#)

Use AI Fire's detailed guides to create blogs, graphics, videos and even podcasts faster and better than ever. Find out how to save time & wow your audience with humanized content!

[Sora is here](#)!

OpenAI's video generation model has launched and is available to Pro subscribers. Users can generate videos up to 1080p resolution, up to 20 sec long, and in widescreen, vertical or square aspect ratios. You can bring your own assets to extend, remix, and blend, or generate entirely new content from text via [TLDR](#).

[Google's new generative AI video model is now available](#)

Google's Veo, a generative AI video model, is now available via Vertex AI for businesses. It creates high-quality 1080p videos from text or images. Veo includes safeguards and DeepMind's SynthID digital watermark to address copyright and misinformation concerns. Google has expanded access to Imagen 3 for text-to-image generation on Google Cloud, with new features for brand customization.

Productivity

["Generative AI For Dummies" (Worth $18.00) — FREE for a Limited Time!](#)

Covers generative AI tools that create text, images, audio, and more. It's perfect for boosting productivity, whether you need to write, design, or generate ideas.

[Fast Company: The Cognitive Cost of AI](#)

An interesting take on the 'mind tax' of too many choices.

The Future of Work

[World Economic Forum: The Future of Jobs Report 2023](#)

The human-machine frontier has shifted, with businesses introducing automation into their operations at a slower pace than previously anticipated. Organizations today estimate that 34% of all business-related tasks are performed by machines, with the remaining 66%

performed by humans. This represents a negligible 1% increase in the level of automation that was estimated by respondents to the 2020 edition of the Future of Jobs Survey. This pace of automation contradicts expectations from 2020 survey respondents that almost half (47%) of business tasks would be automated in the following five years. Today, respondents have revised down their expectations for future automation to predict that 42% of business tasks will be automated by 2027. Task automation in 2027 is expected to vary from 35% of reasoning and decision-making to 65% of information and data processing.

Security and Technology

Axios Series: What AI Knows About You

Most AI builders don't say where they are getting the data they use to train their bots and models — but legally they're required to say what they are doing with their customers' data. These data-use disclosures open a window onto the otherwise opaque world of Big Tech's AI brain-food fight. In this new series, Axios does a deep dive on most popular generative AI solutions (Apple, Meta, Adobe, Anthropic, OpenAI, Microsoft, Google) and tell you, company by company, what all the key players are saying and doing with your personal information and content.

ToTM: Tool of the Month

ICYMI: Kahnmigo, built by nonprofit Khan Academy, is free for faculty! AI powered tools designed to save you time and improve instruction.
https://www.khanacademy.org/teacher/khanmigo-tools

Save the Date:

AI Kick-Starter: Practical Prep for Spring 2025

January 10 from 11-2 (lunch provided) at the TLPDC

Give us three hours, we'll give you a head start on everything from policies to curriculum development.

Until next time! Check out the Small Bytes Blog and the TLPDC website for more AI tips and workshops. Contact Lisa Du Bois Low, Faculty Fellow, at lisa.low@ttu.edu for more information or book a 60-minute consultation.