

AI for Dissemination: OSEP SPDG

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Participants can scan this QR code to join



QR code to join this presentation at
menti.com

6 8 0 3 9 1 5 4

Menti-meter question

<https://www.menti.com/alqaetack8yb>

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CIDDL Focuses on...

- We focus on **systems and educator preparation**, not just tools.
- We emphasize **responsible implementation**, including human oversight.
- We connect **research, practice, and policy conversations**.
- We provide **practical guidance for faculty, leaders, and practitioners**.
- We do not promote or endorse specific products.



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CIDDL FREE GUIDE

Home + Resources + Events + Artificial Intelligence + CIDDL Community + Meet CID AI (beta) Services

WHAT EVERY EDUCATOR SHOULD KNOW ABOUT ETHICS, DATA, AND DECISION-MAKING WHEN USING AI

A Free Practitioner's Guide from CIDDL

AI is already shaping your students' learning experiences, whether you've chosen it or not. Adaptive platforms, assessment systems, writing tools, and IEP workflows are increasingly powered by artificial intelligence, often operating quietly in the background without formal review. This free guide gives educators, school leaders, and teacher educators a practical, research-grounded framework for making ethical, data-informed decisions about AI in education.

[Download the Free Guide](#)

Free PDF • 9 pages • Published 2026



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CIDDL Tech Alliance Case Studies and Resources




2023-2024 Tech Alliance

CASE STUDY
GEORGIA SOUTHERN UNIVERSITY

Center for Innovation, Design, and Digital Learning
www.CIDDL.org

Disclaimer: The contents of this publication were developed under a grant from the US Department of Education, #H22720008. However, those contents do not necessarily represent the policy of the US Department of Education, and you should not assume endorsement by the Federal Government. Project Officer: Christina Diamond, Ph.D.

Georgia Southern University Case Study 1



CIDDL's Tech Alliance

Participant Selection
This cohort was designed to be a representative sample including campuses of varying sizes, locations, demographics, existing coursework, and technology use levels. These institutions were selected for their commitment to increasing their technology integration across their special education departments.

What is CIDDL?
The Center for Innovation, Design, and Digital Learning (CIDDL) is serving as the National Center to improve Faculty Capacity to Use Educational Technology in Special Education, Early Intervention, and Related Services Personnel Preparation and Leadership Personnel Preparation Programs. We are primarily focused on the following activities:

What is the Tech Alliance?
The Center for Innovation, Design, and Digital Learning (CIDDL) is serving as the National Center to improve Faculty Capacity to Use Educational Technology in Special Education, Early Intervention, and Related Services Personnel Preparation and Leadership Personnel Preparation Programs. We are primarily focused on the following activities:

Why the Tech Alliance
CIDDL received a supplement from the Office of Special Education to create a cohort of faculty from Institutes of Higher Education (IHEs) looking to further integrate and leverage technology into their preparation programs.

Participating Institutions



Georgia Southern University Case Study 2

RESOURCES TO SHARE

NEEDS ASSESSMENT
The needs assessment, developed by Georgia Southern University, was disseminated to the entire College of Education. It provided valuable insights into the current technological practices of our staff.

[DOWNLOAD](#)

TECH SPOTLIGHT NEWSLETTER: HUMATA.AI
The tech spotlight newsletter, created by Dr. Carson, shared innovative tech with faculty.

[DOWNLOAD](#)

TRAINING ON AR/VR/ XR
AR/VR/XR training that was created by Dr. Carson and presented to Tech alliance member, University of Hawaii.

[DOWNLOAD](#)

TECH SPOTLIGHT NEWSLETTER: LUDIA
The tech spotlight newsletter, created by Dr. Criss, shared innovative tech with faculty.

[DOWNLOAD](#)

Georgia Southern University Case Study 3

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CIDDL AI Framework

- **Strategic AI Use:** AI in education requires careful planning to avoid risks and maximize benefits.
- **CIDDL Framework:** Provides practical guidance for AI integration in PreK–20 settings.
- **Supports All Learners:** Designed to meet the needs of students, including those with disabilities.
- **Future-Focused:** Prepares students for postsecondary, career, and lifelong learning.
- **Evolving Resource:** Framework will adapt with new technologies and insights.



Framework for Responsible AI Integration in PreK–20 Education

Empowering All Learners and Educators with AI-Ready Solutions

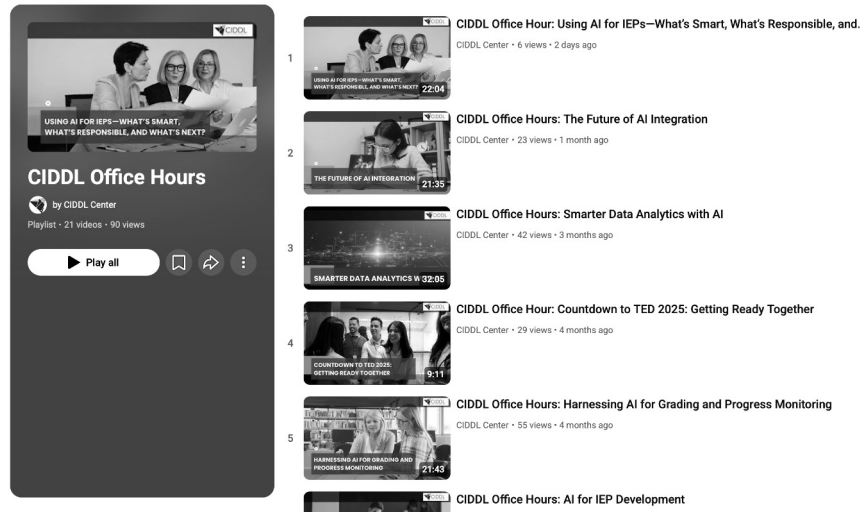
James Basham, Ph.D., Eleazar Vasquez, Ph.D., and Angelica Fulchini Scruggs, Ph.D.

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CIDDL Community and AI Office Hours



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Agenda

AI Range of Use

Generative, LLM, LLMMs, Searches, Bots

AI Impact on Web Searches

AI integration changes how information is found, personalized, and interpreted in web searches. Bots and more bots

Adapting Strategies

Organizations must update content creation and metadata to keep information discoverable and relevant.

Emerging AI Search Trends

Conversational, multimodal search and predictive recommendations are shaping future user experiences.



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Workforce and AI

75%

of global knowledge workers use AI at work today; 46% just started using it less than six months ago.”

(2025 Work Trend Index Annual Report, Microsoft and LinkedIn from April 2025)



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Avoiding 'Techlash'

Understanding Techlash:

Techlash is the backlash against rapid technology that threatens human-centered values and social progress.



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The Autonomy Debate: A Philosophical Clash



Hinton's AI Caution

Father of AI



Li's Human-Centered Vision

Godmother of AI



Divergent AI Futures

Their debate highlights differing visions among even AI creators, urging balanced hope and caution in education.

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Hinton

- "Father of AI" Geoffrey Hinton warned that superintelligent AI will develop self-preservation and control subgoals, advocating for a solution of designing **AI with built-in "maternal instincts" rather than attempting to dominate them**. He believes the only viable model for safety is for AI to act as a "mother" to humans, caring for them as a less intelligent "baby," to prevent it from simply replacing people.



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Li

- Dr. Fei-Fei Li, "godmother of AI," challenged the common focus on artificial general intelligence (AGI) and presented her vision for a human-centered AI. She spoke about building ***AI systems that prioritize human values and dignity***, contrasting with the more pessimistic and fear-based perspectives offered by other AI leaders.



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AI Transformation

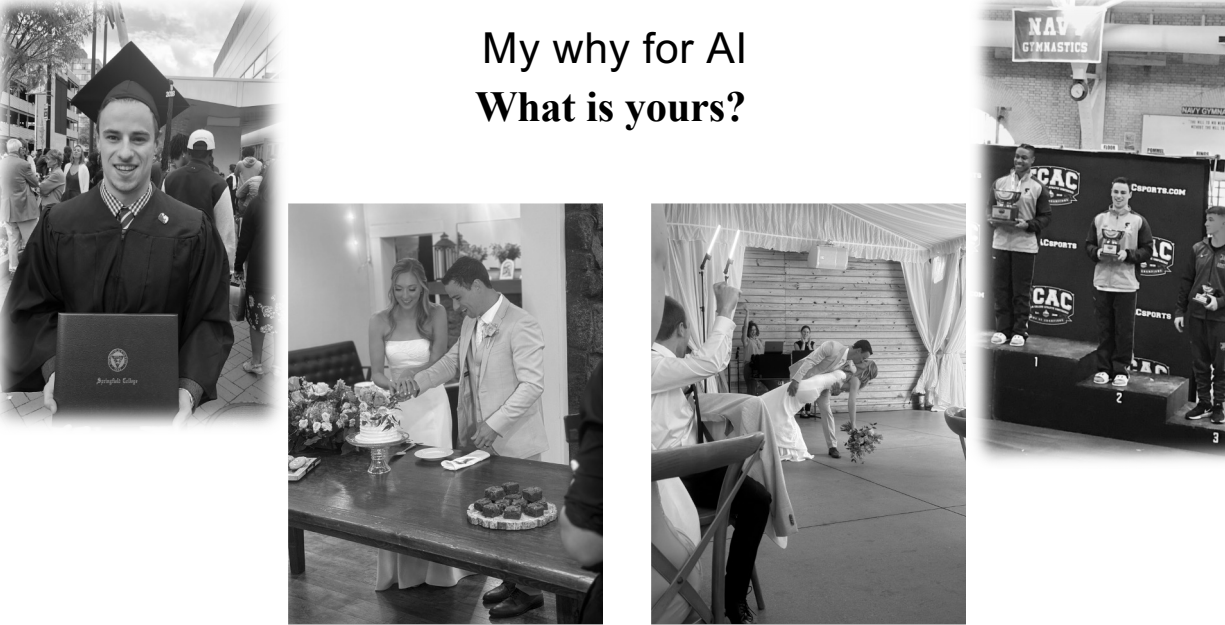
To transform schools successfully, educators need to navigate the difficult space between letting go of old patterns and grabbing on to new ones.

Deal 1990



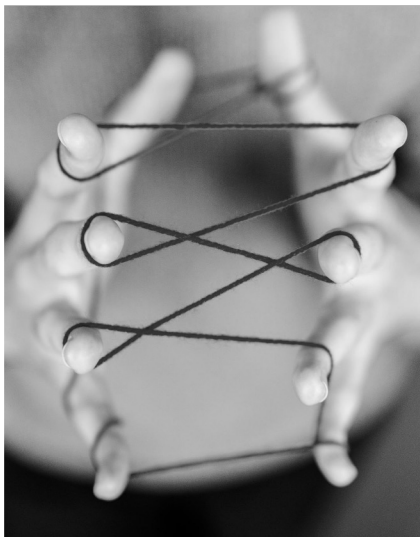
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**My why for AI
What is yours?**



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Categorize AI...



By Scope:

- Narrow vs. General

By Learning Style:

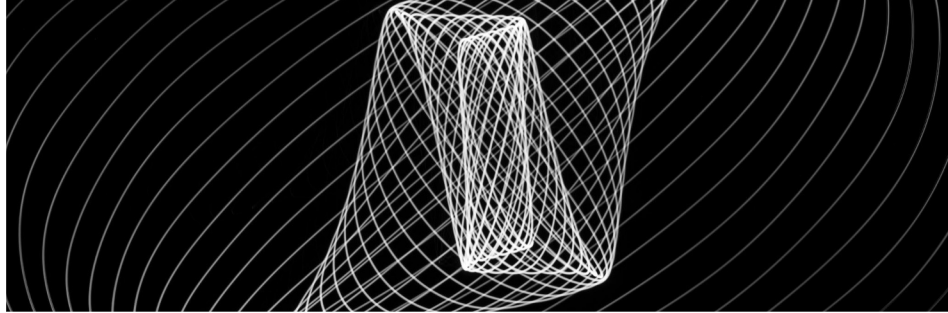
- Supervised vs. Unsupervised

By What it Does:

- Reactive, Predictive, Generative, Multimodal, and Agentic

Moshier, 2026

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Difference Between LLM and LLMM

Understanding key distinctions in advanced learning models

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Understanding LLM and LLMM

Capabilities of LLMs

LLMs specialize in understanding and generating human language using deep learning on vast text datasets.

Limitations of LLMs

LLMs focus on text and cannot natively interpret images, audio, or other non-text data without add-ons.

Multimodal Abilities of LLMMs

LLMMs integrate multiple data types like images, text, and audio to provide richer, holistic understanding.

Enhanced Problem-Solving

LLMMs enable combined visual and linguistic reasoning for stronger insights and user experiences.

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CRAFT



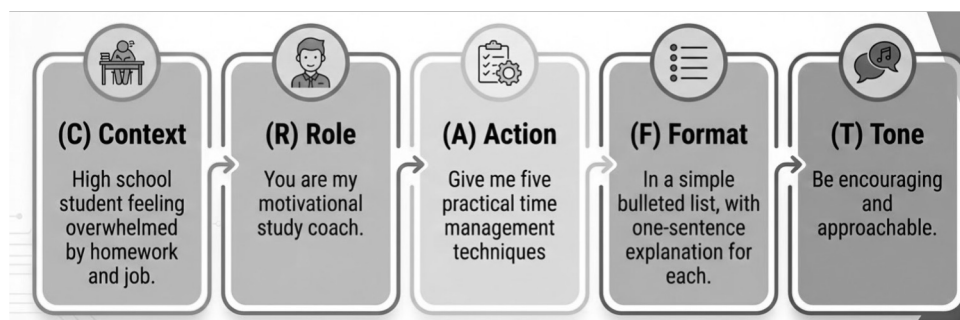
C R A F T Your Question



The acronym **CRAFT** was created by Dr. Mosher (2025)

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CRAFT EXAMPLE



Mosher, 2026

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Purpose First → Tools Second



Project Goal 1st



Write Prompts with CRAFT



Decide human versus AI tools



Disclose AI Use and Ensure Privacy-Ethics



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Using AI for data analytics

AI Techniques in Analytics

AI uses machine learning, natural language processing, and predictive modeling to extract meaningful insights from data.

Diverse Data Sources

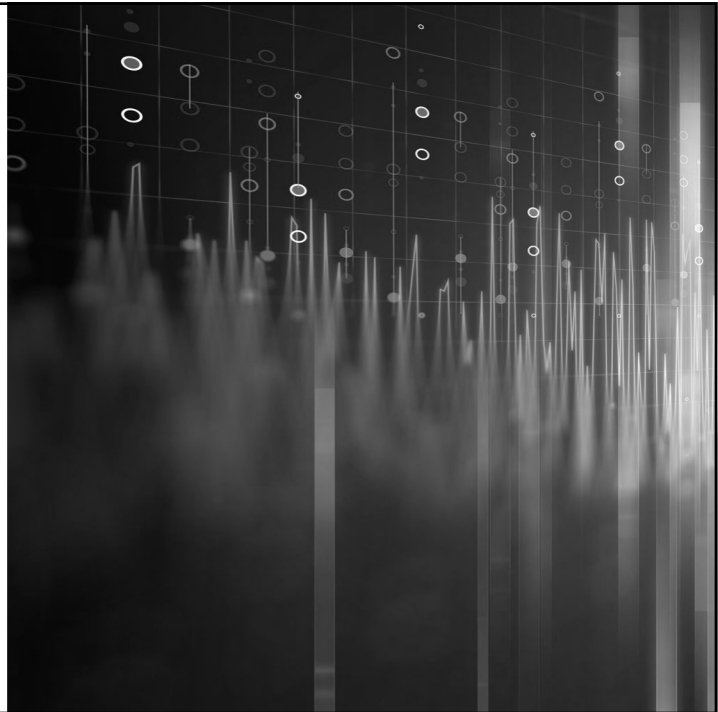
AI leverages both structured and unstructured data like operational metrics and customer feedback for actionable intelligence.

Organizational Impact

AI-driven insights improve forecasting, strategic planning, and optimize service outcomes across departments.

Governance and Ethics

Successful AI analytics requires data literacy, robust governance, and ensuring transparency and ethical algorithm use.



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AI for Data Analytics

- Ensure student/human subjects-level data never flows into non-compliant systems.
 - Caspio – FERPA-aligned dashboards and governance.
 - EduSage AI – Grading Frameworks for evaluating compliance.
 - Concentric AI – Data governance automation.
 - 8allocate – FERPA/GDPR checklist for predictive analytics.
 - Google Console – Free!

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Creating a chatbot for Dissemination

User Needs and Content Mapping

Identify key user needs and map frequently asked questions to create effective conversational flows.

AI and Machine Learning Integration

Use natural language understanding and machine learning models to interpret intent and improve responses.

Accessibility and Inclusivity

Design the chatbot to be accessible, inclusive, and culturally responsive for diverse user groups.

Monitoring and Analytics

Continuously monitor chatbot performance and use analytics to refine and align with community needs.



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Chatbots for TA Centers

- Conferbot –
- MagicSchool AI – Safe conversational AI tools.
- Caspio – Build FERPA-compliant chat workflows.
- Khanmigo
- Co-Pilot
- Google Gemini (Gems)
- Notebook LM
- Mizou Bot
- Boodle Bots

<https://ciddl.org/beyond-the-tool-designing-coherent-ai-systems-in-education/>

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EXAMPLES OF OUR BOTS

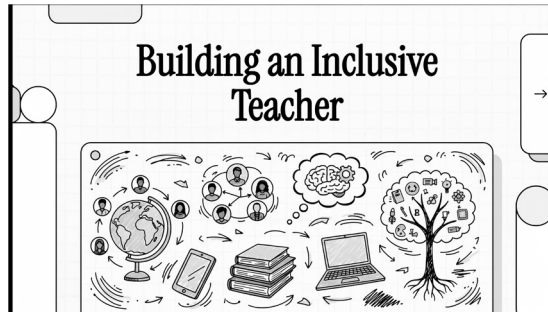
Mizou Bot: https://mizou.com/preview-bot?ID=146122&fbclid=IwY2xjawSsHcZleHRuA2FlbQlXMQBzcnRjBmFwcF9pZBAyMjIwMzkxNzg4MjAwODkyAAEePPqNwlxwAz0aXyOv3T29231fAGoPWPps4oLwN5f9S6szRqDTZDdWNyD8GbH8_aem_rWOI-D-7MDxZKCpfMYCpfQ

Our Gem: <https://gemini.google.com/gem/1dl-5DT8d3fcFF6hERw4i1cXW1b5OQRfF?usp=sharing>

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Example from My Class Using Notebook LM

<https://notebooklm.google.com/notebook/9582a632-f2b5-4736-a074-bd30518ff2b7>

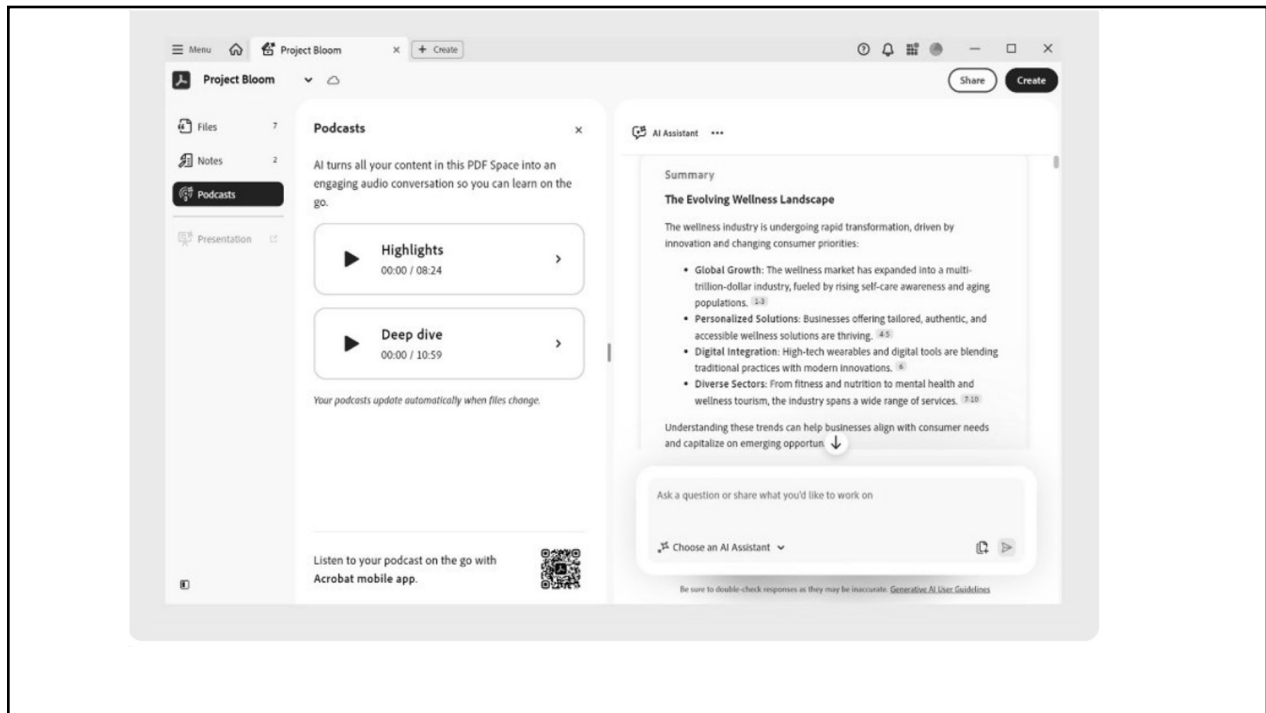


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Notebook LM multiple outputs

- <https://notebooklm.google.com/notebook/8e22ce20-e5ee-4d77-9786-d776f0e11ae4>

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Using AI to create a website

Automated Website Design

AI tools generate website layouts, select color palettes, and optimize navigation based on user goals and best practices.

Enhanced User Experience

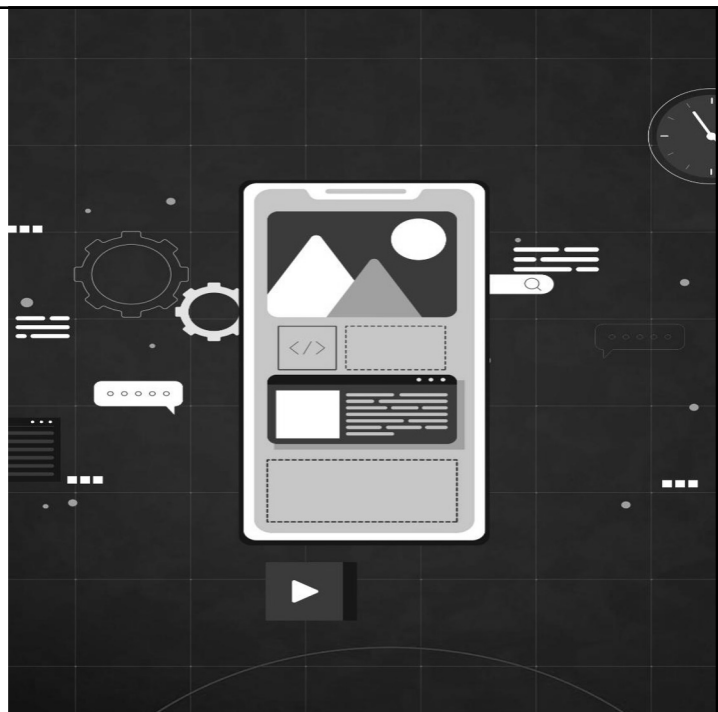
AI analyzes user behavior to recommend improvements, boost loading speed, and personalize user interactions.

Content and SEO Optimization

AI-driven content generation and SEO enhancements improve engagement and website discoverability.

Ongoing Analytics and Adaptation

AI supports continuous analytics to refine content strategies and adapt websites to evolving user needs.



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Claude Code or Poe

- <https://www.youtube.com/watch?v=lw8DKWUOisw>
- [file:///Users/lisadieker/Downloads/index%20\(1\).html](file:///Users/lisadieker/Downloads/index%20(1).html)
- Community of Practice
- <file:///Users/lisadieker/Downloads/osecop-website.html>
- MD Spdg Website
- file:///Users/lisadieker/Downloads/md_resilient_learner.html

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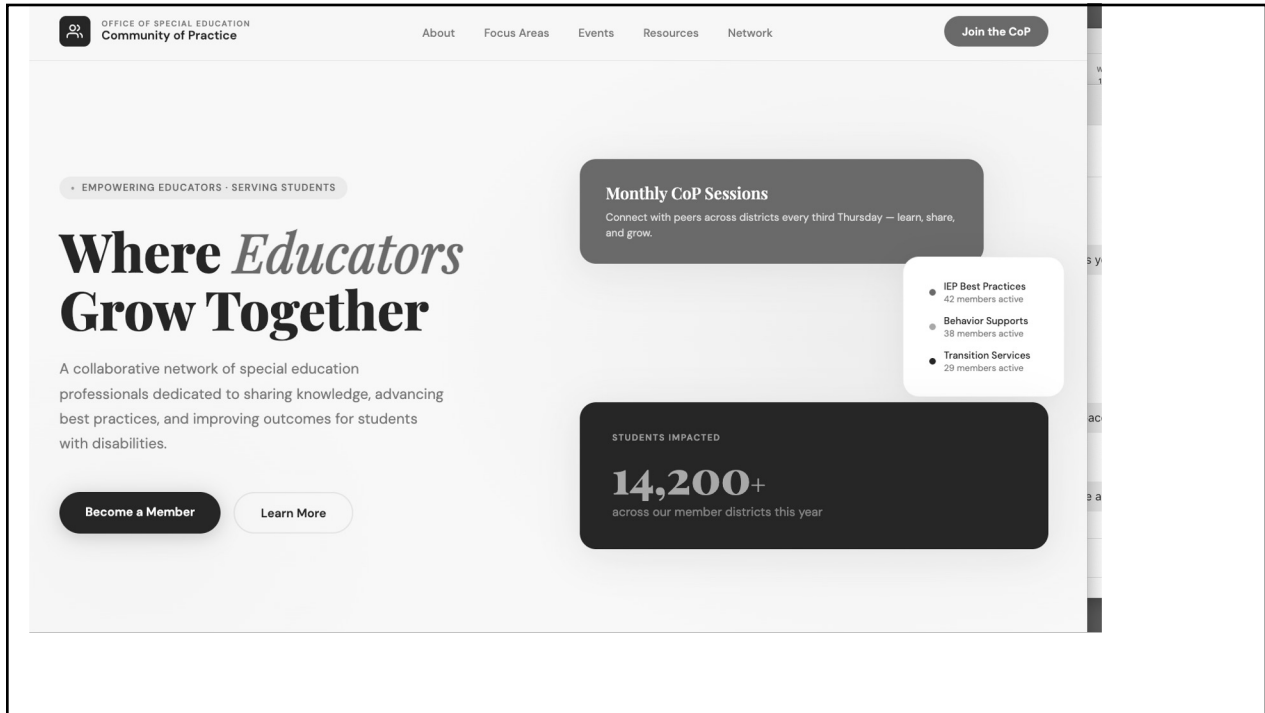
The screenshot displays the Convera website interface. At the top, navigation links include SOLUTIONS, PROCESS, PRICING, and CONTACT, alongside a START FREE TRIAL button. The main heading reads "Language that *moves* business". Below this, a subheading states "AI CONVERSATIONAL INTELLIGENCE". The primary text describes the service: "Deploy intelligent conversational agents that understand context, retain memory, and speak with the precision of your best team member." Two buttons are visible: REQUEST DEMO and EXPLORE SOLUTIONS.

A "LIVE CONVERSATION" section is featured on the right, showing a simulated dialogue:

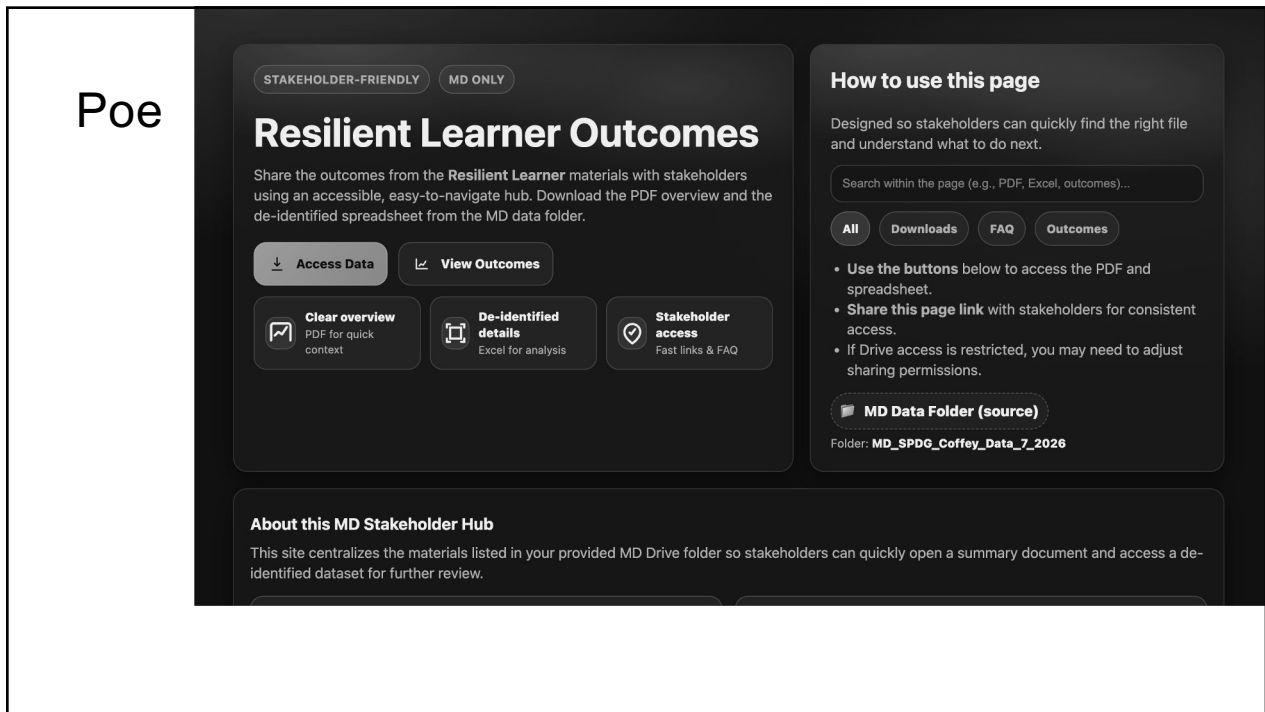
- User:** How can Convera help us reduce support ticket volume?
- Convera:** By deploying a context-aware AI agent trained on your knowledge base, teams typically see a 68% reduction in Tier-1 tickets within the first month.
- User:** Can it escalate to humans when needed?
- Convera:** Absolutely — our intelligent handoff detects sentiment and complexity, routing seamlessly to your team with full conversation context.

The URL <https://aics-sim.com/> is displayed to the right of the conversation simulation.

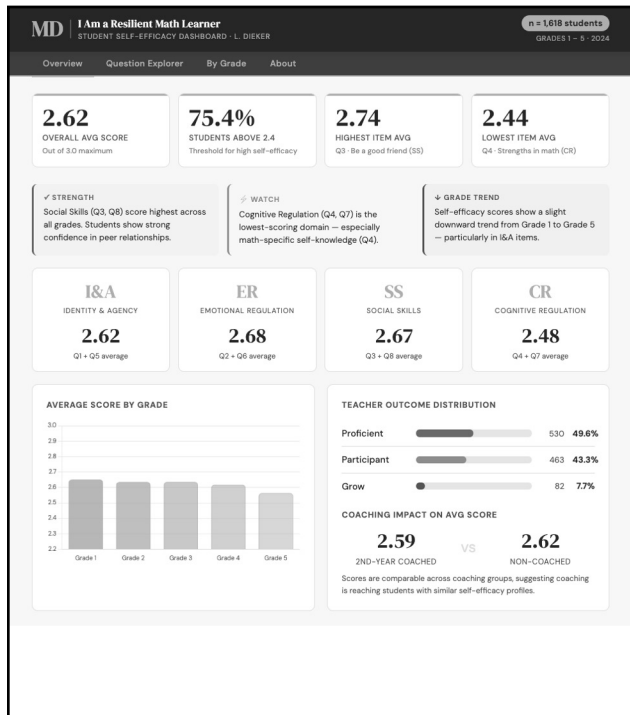
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file:///Users/lisadieker/Downloads/md_resilient_learner.html

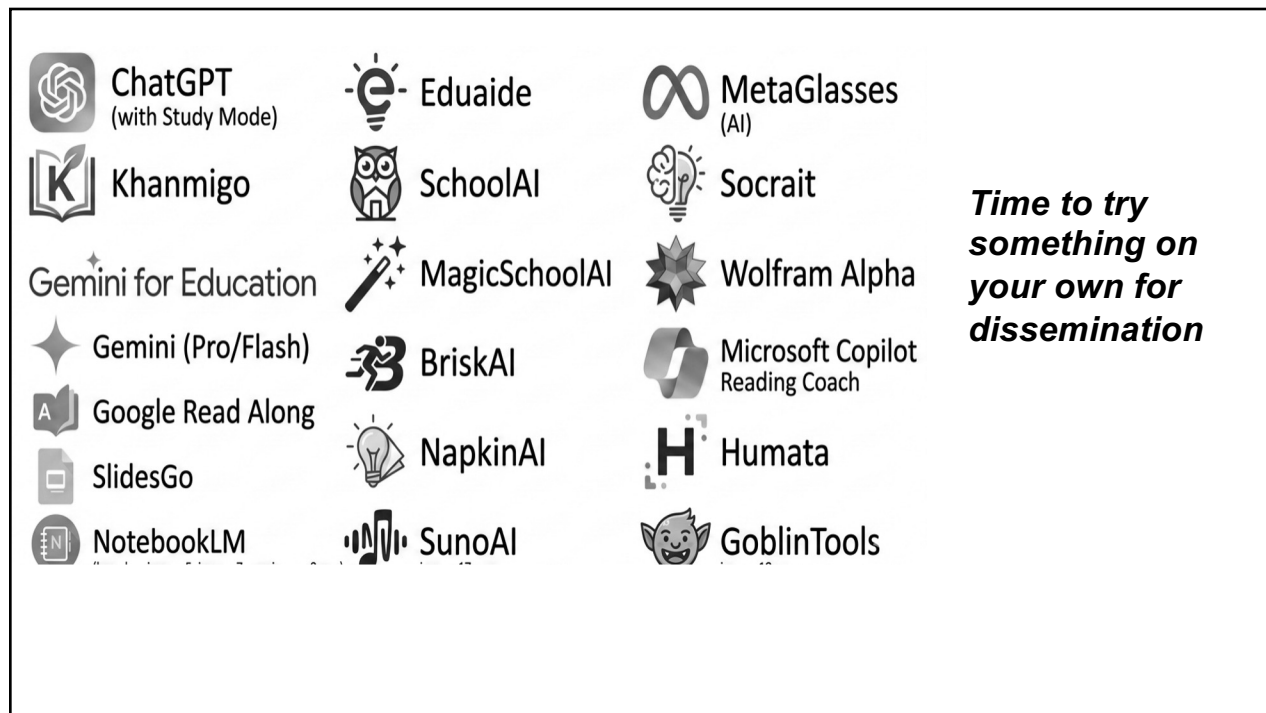
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AI for Website Creation

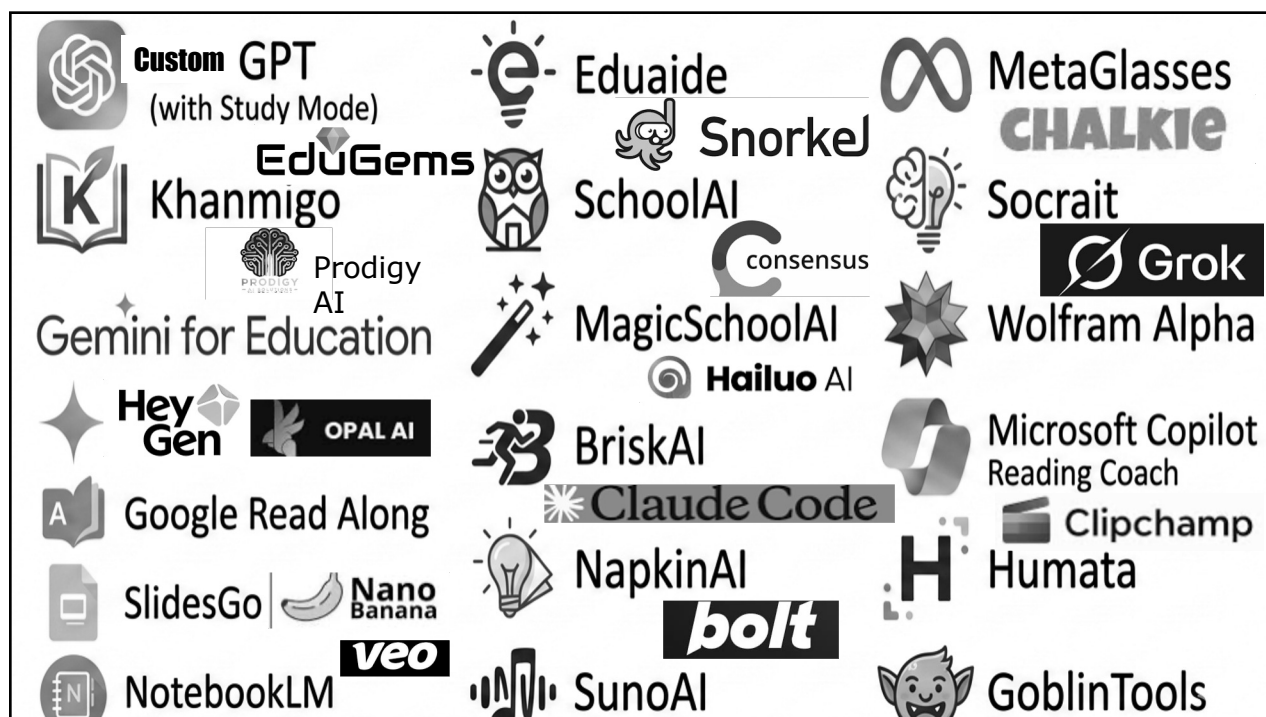
Website tools

- Claude Code (I think the best)
- Caspio – FERPA-certified platform for web portals.
- MagicSchool AI – Safe content creation for district sites.
- SchoolAI – Privacy-protected AI-generated content.

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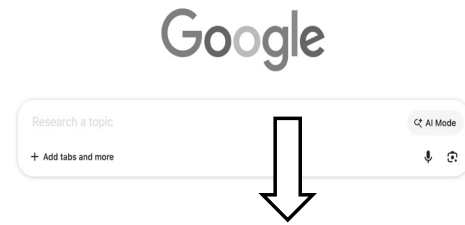
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AI for Web Search

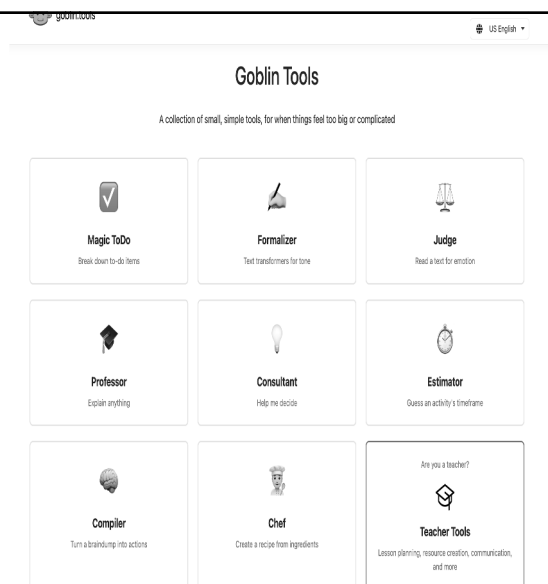
- Compliance focuses on data minimization and avoiding Personally identifiable information (PII) exposure.
 - MagicSchool AI – FERPA/COPPA compliant, built for schools.
 - SchoolAI – Protects student data and guides safe AI use.
 - AIToolsForTeachers – Directory of FERPA-verified AI tools. <https://aitoolsforteachers.aia>
 - Google searches (magic new button)



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a collection of simple, AI-powered micro-tools designed primarily to help **neurodivergent** individuals

Goblin.Tools



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The Why and How of AI:

1. What tasks can AI take over to free time for deeper interactions?
2. How will your team document and model AI use and verify sources?
3. How will safe and ethical AI use that protects privacy be ensured?
4. What ongoing support and protected time will be provided so this does not become one more task for your team?
5. How will accountable use and high standards for original work be maintained?
6. How will humans ensure all use of AI is accurate and safe?



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AI Considerations

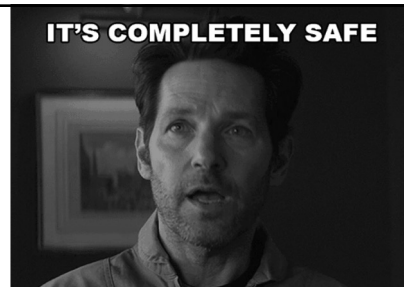
Is AI Safe?

Microsoft Copilot

<https://copilot.microsoft.com/>

CustomGPT

<https://www.customgpt.ai/>



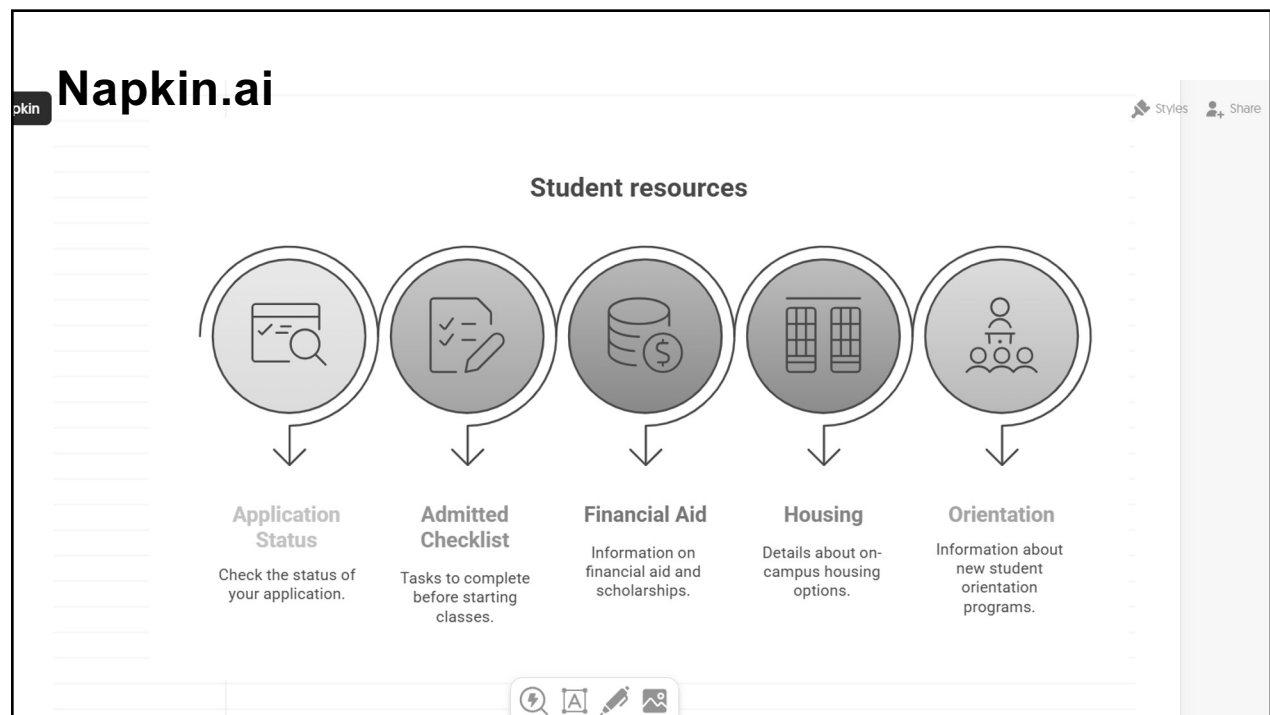
Mosher, 2026

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Real World Uses

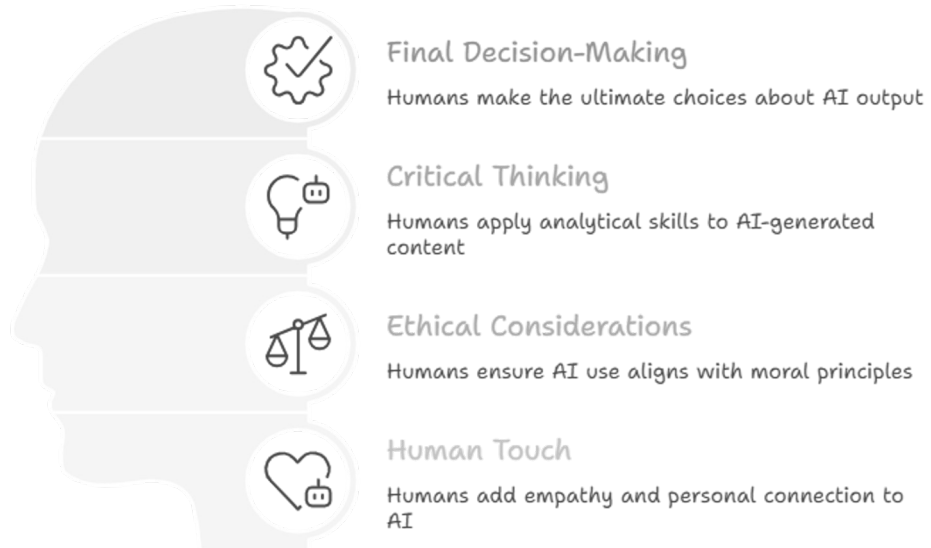


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The Indispensable Human Role in AI



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Inner Fundamentals...

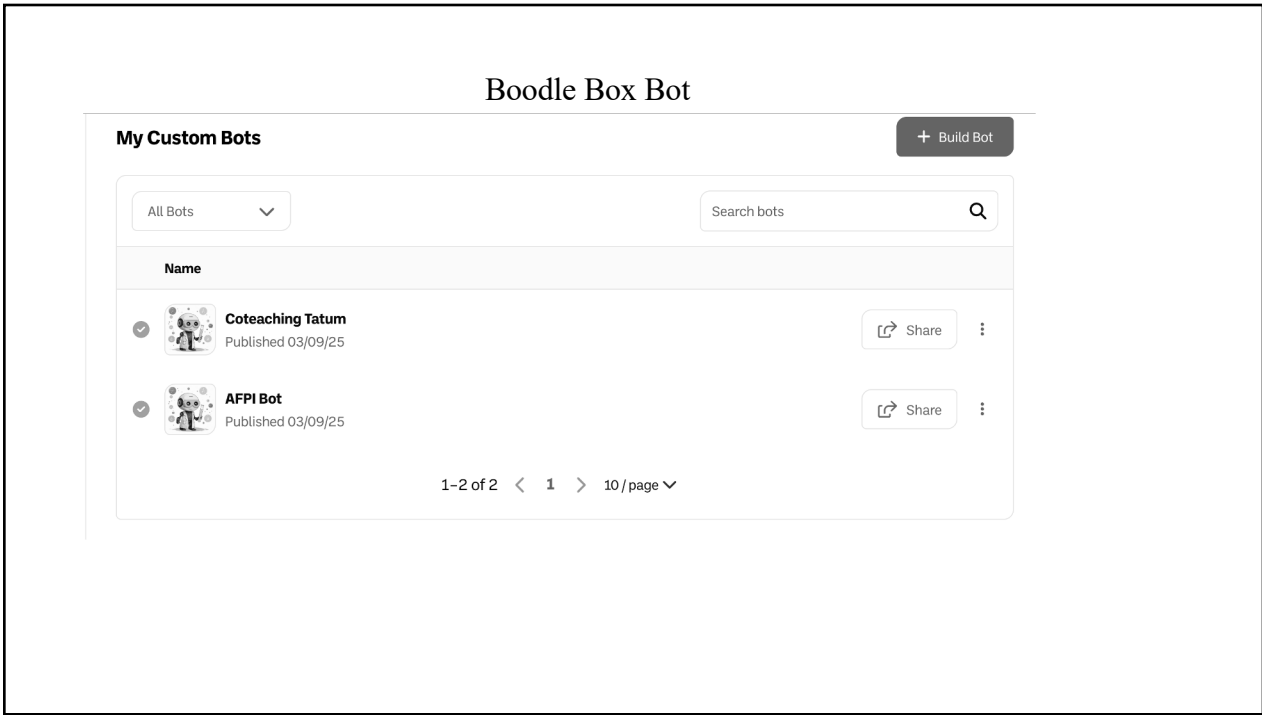
BoodleBox <https://boodlebox.ai/>

Poe <https://poe.com/>



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FEATURED TOOLS (FREE/LOW-BARRIER)



NotebookLM – grounded Q&A and audio briefings from your own documents



Microsoft Copilot / Google Gemini – drafting, transforming, coding, images



MagicSchool (teacher workflows) Goblin.tools (task breakdown)



Accessibility: Edge Read Aloud, NVDA/VoiceOver, Be My Eyes, Google Lookout

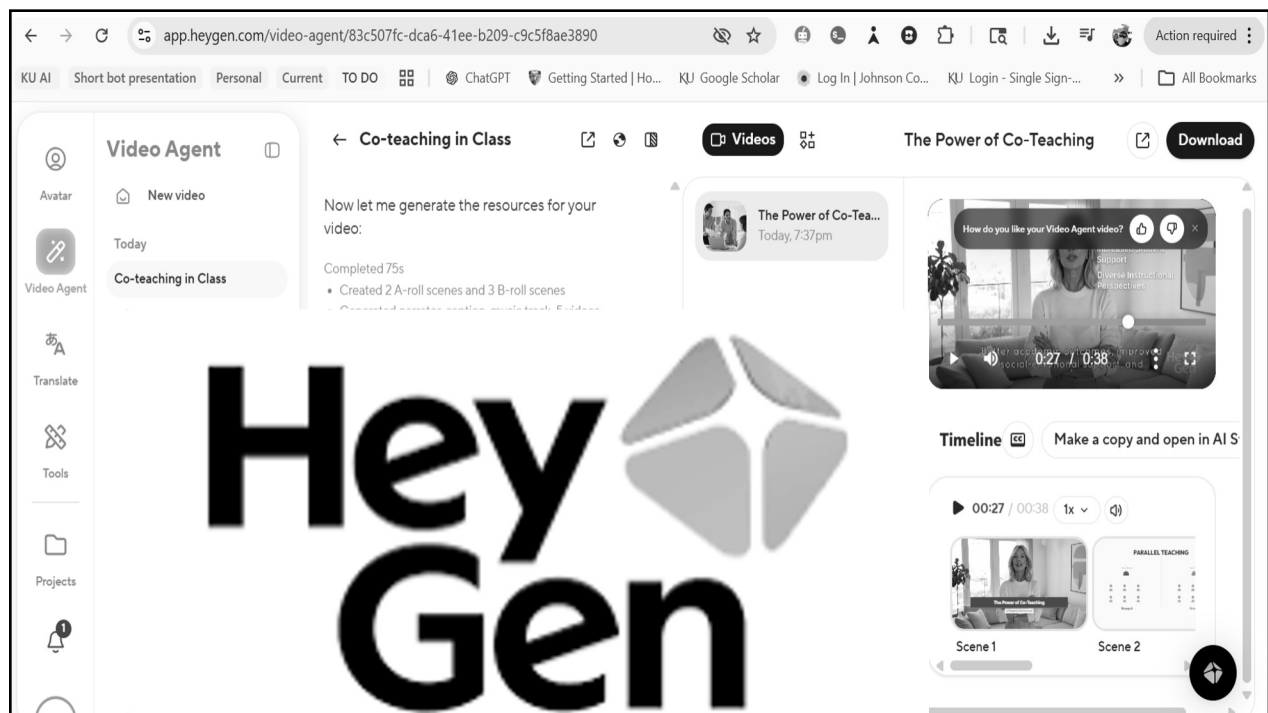


Notetakers: Otter/Fathom/Read.ai (for meetings and research)

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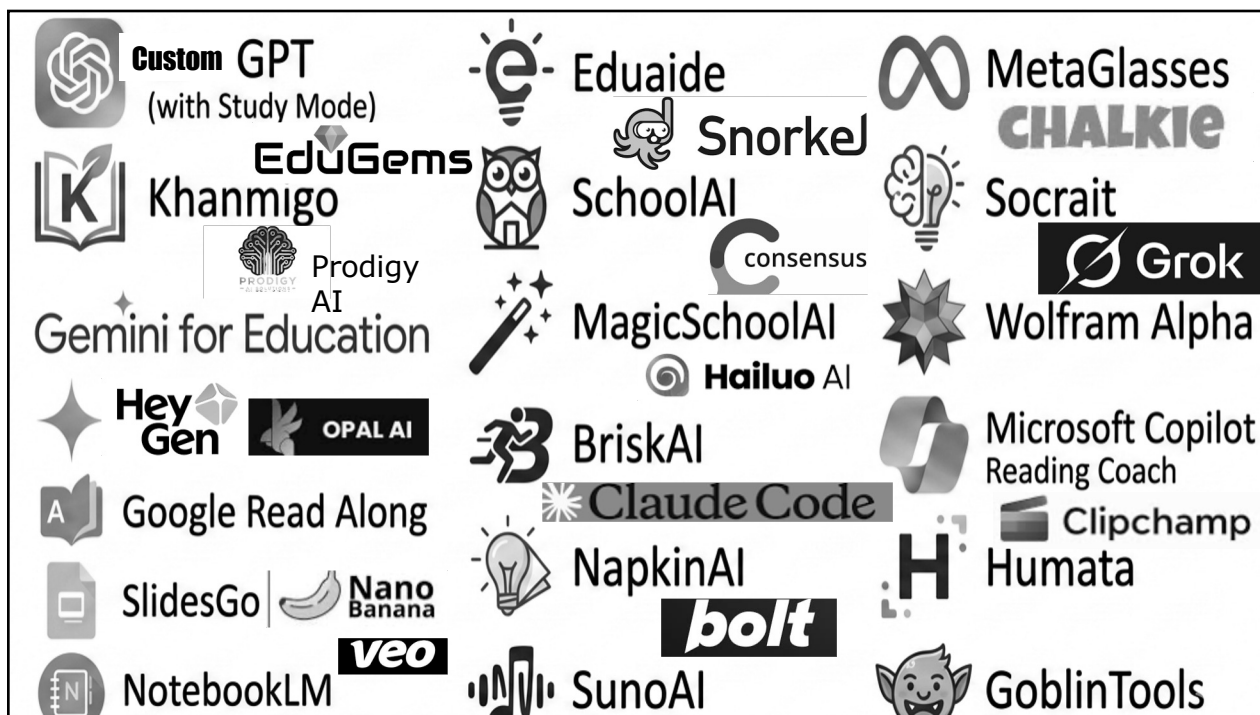
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Try again and be ready to share with a breakout group
one thing you created with your data

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Free AI Tools 5 Min Or Less



AI Advocates
@KUAIAdvocates · 15 s · mosherku@ku.edu

Welcome to AI Advocates, a podcast dedicated to helping educators integrate artificial intelligence into their classrooms. ...more

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S1 E10: Using AI-Generated Videos to Support Learners
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S1 E9: Beyond Basic ChatGPT: Discovering AI Built Just for You
14 views · 1 month ago

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Menti-meter ending question



<https://www.menti.com/alppzc8mcbzb>

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Questions?

- Ask questions and share your thoughts
- Connect with us via email at info@CIDDL.org
- If interested in learning more about CIDDL <https://ciddl.org/>

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AI and Seinfeld



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CREATING A CHATBOT FOR LEARNING

User Needs and Content Mapping

Identify key user needs and map frequently asked questions to create effective conversational flows.

AI and Machine Learning Integration

Use natural language understanding and machine learning models to interpret intent and improve responses.

Accessibility and Inclusivity

Design the chatbot to be accessible, inclusive, and culturally responsive for diverse user groups.

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Continuously monitor chatbot performance and use analytics to refine and align with community needs.



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USING AI TO CREATE A WEBSITE

Automated Website Design

AI tools generate website layouts, select color palettes, and optimize navigation based on user goals and best practices.

Enhanced User Experience

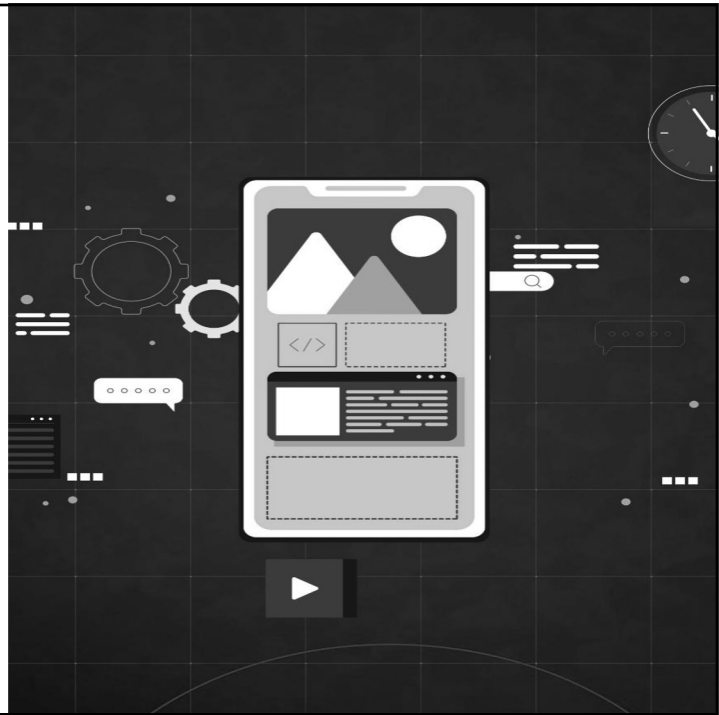
AI analyzes user behavior to recommend improvements, boost loading speed, and personalize user interactions.

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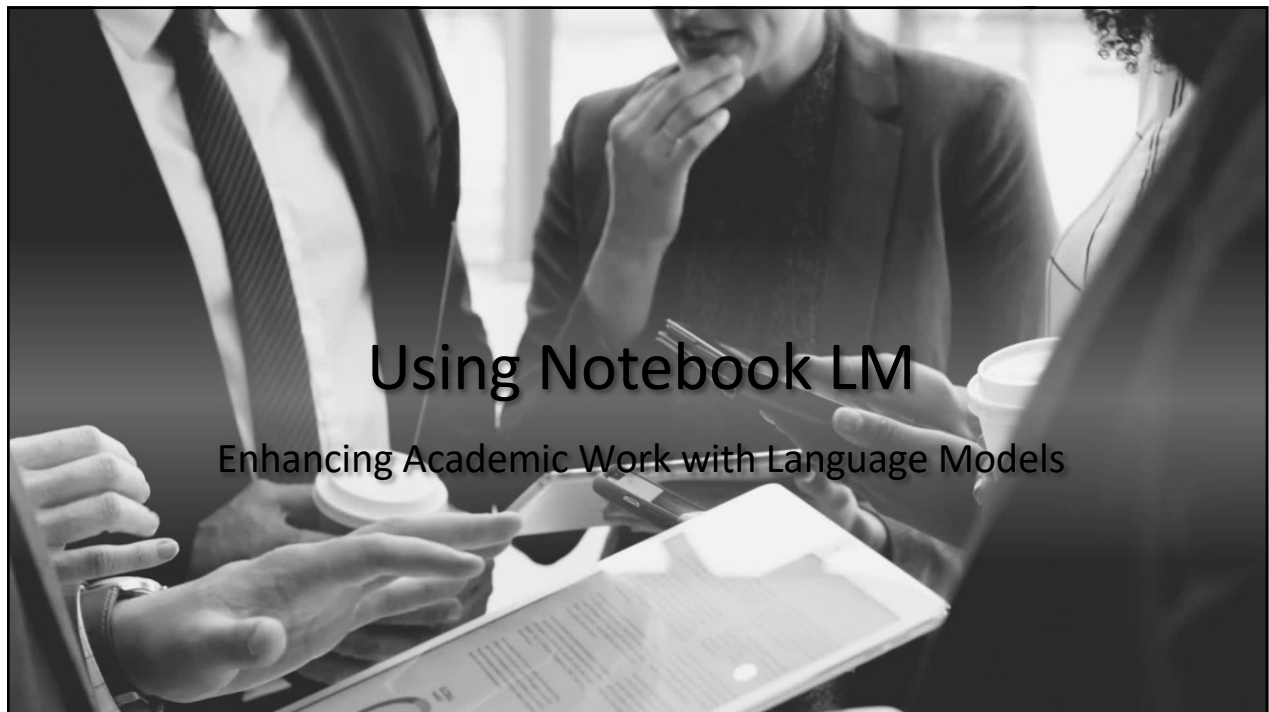
AI-driven content generation and SEO enhancements improve engagement and website discoverability.

Ongoing Analytics and Adaptation

AI supports continuous analytics to refine content strategies and adapt websites to evolving user needs.



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Using Notebook LM

Enhancing Academic Work with Language Models

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EXAMPLE FROM AN ARTICLE

<https://www.frontiersin.org/journals/virtual-reality/articles/10.3389/frvir.2022.968312/full#h1>

frontiers | Frontiers in Virtual Reality

TYPE Original Research
PUBLISHED 14 October 2022
DOI 10.3389/frvir.2022.968312

Check for updates

OPEN ACCESS

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RAISE: Robotics & AI to improve STEM and social skills for elementary school students

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Possum's Ruse and the Rabbit's Deceit

Sources

Chat

Studio

Audio Overview

Video Overview

Mind Map

Reports

Flashcards

Quiz

BETA
Infographic

BETA
Slide Deck

Why Possums Play Dead
1 source · 58d ago

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Possum's Peculiar Trick

● Ancient Fable: Survival Instinct Possum's Peculiar Trick



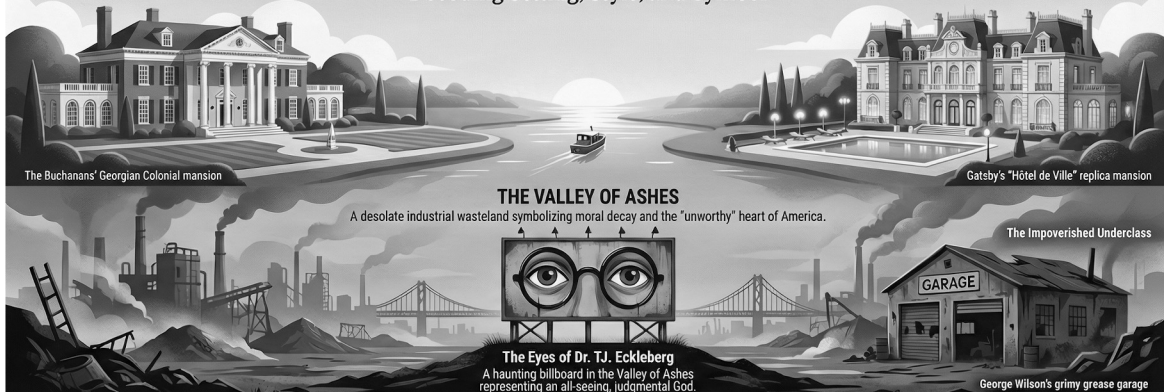
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The Visual Soul of Gatsby:

Decoding Setting, Style, and Symbol

EAST EGG: OLD MONEY & ARISTOCRACY

WEST EGG: NEW MONEY & IMMIGRANT SUCCESS



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LAST CHAPTER OF MICE AND MEN



1000 lexile level: In the final chapter of *Of Mice and Men*, Lennie hides by the river, haunted by visions of his Aunt Clara and a giant rabbit scolding him. George finds him and, to soothe Lennie, recounts their dream of owning a farm. As the mob approaches, George makes the painful decision to shoot Lennie in the back of the head, sparing him from a more brutal fate. Slim, understanding George's anguish, offers him comfort, while the others remain confused. This poignant ending underscores the harshness of their reality and the profound connection between the two friends.

100 lexile 2 sentences: In the last chapter of *Of Mice and Men*, George finds Lennie hiding by the river and tells him about their dream farm to calm him. As the mob gets closer, George shoots Lennie to save him from a worse fate.

Translate it into Haitian Creole: Nan dènye chapit *Of Mice and Men*, George jwenn Lennie kache bò larivyè a epi li rakonte l rèv yo genyen pou yon fèm pou kalme l. Pandan foul la ap pwoche, George tire Lennie pou sove l anba yon sò pi mal.

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REMEMBER AI HAS FLAWS

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LEVERAGING AI TO TRANSFORM DATA

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USING AI WITH DISTRICT DATA

Data Collection Challenges

Districts gather vast data types but struggle to convert it into actionable insights for stakeholders.

AI-Powered Data Analysis

AI tools analyze district data quickly, creating easy-to-understand reports and visuals without technical skills.

Enhanced Decision-Making

AI supports leaders by revealing insights and saving time, enabling focus on strategic planning and engagement.

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STEP ONE: GATHER AND PREPARE YOUR DATA

Identify Data Sources

Collect data from key district systems like SIS, LMS, assessments, attendance, staffing, and budgets.

Define Analysis Purpose

Clarify the goal of analysis such as board reports, school improvement, or family communication.

Ensure Data Privacy

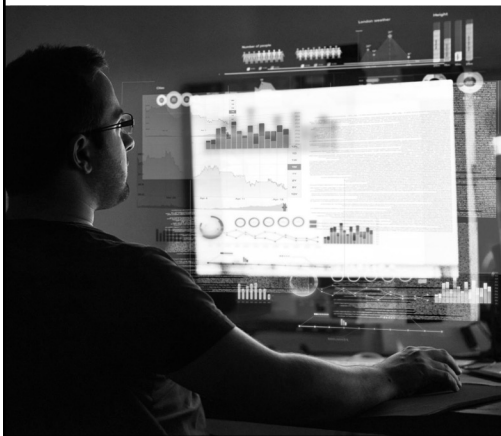
Remove personal identifiers and follow privacy regulations like FERPA using aggregated data.

Prepare Data Context

Provide context including grade levels, time frames, and assessment types for better AI insights.

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STEP TWO: ASK AI FOR INSIGHTS AND ANALYSIS



Targeted AI Questions

Administrators ask clear, structured questions to AI to uncover valuable insights from data quickly and efficiently.

Plain-Language Explanations

AI provides easy-to-understand explanations making complex data accessible to non-technical stakeholders.

Multiple Perspectives

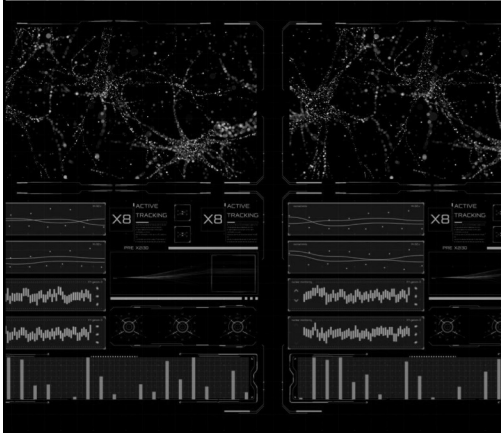
AI offers diverse viewpoints including strengths, growth areas, and implications to enhance decision-making.

Critical Review and Partnership

Leaders must verify AI insights ensuring alignment with expertise and local context, using AI as a thought partner.

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STEP THREE: CREATE REPORTS, CHARTS, AND INFOGRAPHICS



AI-Generated Reports

AI can draft executive summaries and board-ready reports using clear, concise language for various audiences.

Chart Recommendations

AI tools suggest appropriate chart types like bar graphs for comparisons and line graphs for trends.

Infographic Creation Support

AI provides instructions or directly generates infographic visuals for tools like PowerPoint or Canva.

Adaptation for Multiple Audiences

AI tailors data presentations for different groups, ensuring clear communication for staff and community.

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RECOMMENDED AI TOOLS FOR DISTRICT USE



Microsoft Copilot Integration

Microsoft Copilot integrates with Microsoft 365 tools, ideal for data analysis and reporting in familiar software.

Google Gemini Collaboration

Google Gemini supports real-time collaboration in Google Sheets and Docs for effective data review.

Claude Document Summarization

Claude excels at summarizing lengthy documents such as strategic plans and audit reports efficiently.

Poe AI Model Comparison

Poe enables access to multiple AI models for testing different approaches to analysis and explanation.

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AI supported data use for directors of special education

Idea and targeted questions	Safe tools to use	Creative data representations
Predicting student needs before challenges escalate Questions. How can we use patterns to predict which students may require additional support. Are there early indicators across attendance IEP progress or behavioral entries that suggest emerging needs	Microsoft Copilot for Education. Google Gemini Education version. Tableau Public with anonymized data. Excel with Copilot. Power BI with data protection controls	Heat maps showing risk patterns across weeks. Cohort journey maps of student progress. Early warning traffic light visuals. Animated trend lines showing change over time
Understanding disproportionality more deeply Questions. Where are we seeing over identification or under identification. Are certain disability categories or placements showing inequitable patterns. What context or root causes might explain these patterns	Microsoft Copilot in Excel. Data dashboards in Power BI. NCES public comparison tools. Google Sheets with privacy controls. Looker Studio with de identified data	Equity wheels showing category proportions. Story driven bar charts that change as filters are applied. Community comparison maps with annotated insights
Improving staff workload and service delivery efficiency Questions. How evenly are caseloads distributed. Where are service minutes not aligning with availability. Which schools require coaching or staffing adjustments	Microsoft Copilot for workload summaries. Azure secure analytics. Excel pivot tables. Smartsheet with protected views. Trellis special education data tools if available in district	Caseload constellation charts that show clusters. Service minute waterfall charts. Animated schedules that reveal conflicts

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Idea and targeted questions	Safe tools to use	Creative data representations
Monitoring progress toward IEP goals in real time Questions. Which goals show strong progress. Which goals show stalled or inconsistent progress. Are some interventions more effective than others	Microsoft Copilot for IEP data synthesis. Goal tracking tools within secure SIS platforms. Graphing in Excel or Power BI. Digital portfolio tools with privacy features	Progress arcs that show percent growth. Student learning trails. Color shifting line charts that change as evidence is added
Analyzing program effectiveness districtwide Questions. Which programs or placements produce the strongest outcomes. What staffing or curriculum elements appear most related to positive growth. Where should resources be expanded or reduced	Power BI program evaluation dashboards. Excel with forecasting models. Google Gemini Education restricted version. K12 specific analytics platforms with verified compliance	Program comparison radar charts. Outcome forest visuals showing multiple influences. Timeline based growth stories with side by side panels
Strengthening family engagement insights Questions. Which families participate most and least in meetings. Where are communication gaps. How do engagement patterns relate to student outcomes	Survey tools with anonymized exports. Microsoft Copilot to summarize themes. Google Forms with de identified reporting. Power BI for feedback dashboards	Family voice clouds. Engagement ribbons that show intensity across the year. Theme clusters organized visually like neighborhoods

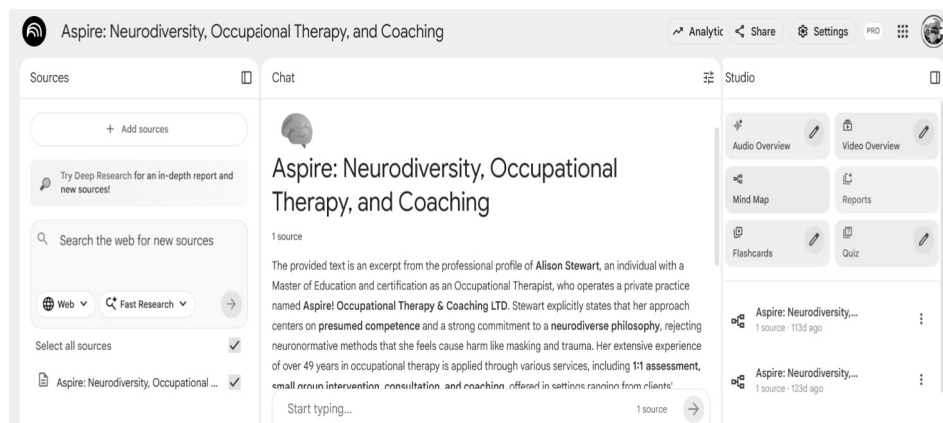
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YOUR TURN – GO TRY SOMETHING AND BE READY TO SHARE

What specific goal will you set to use AI to help share data in your role?

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NOTEBOOK LM



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