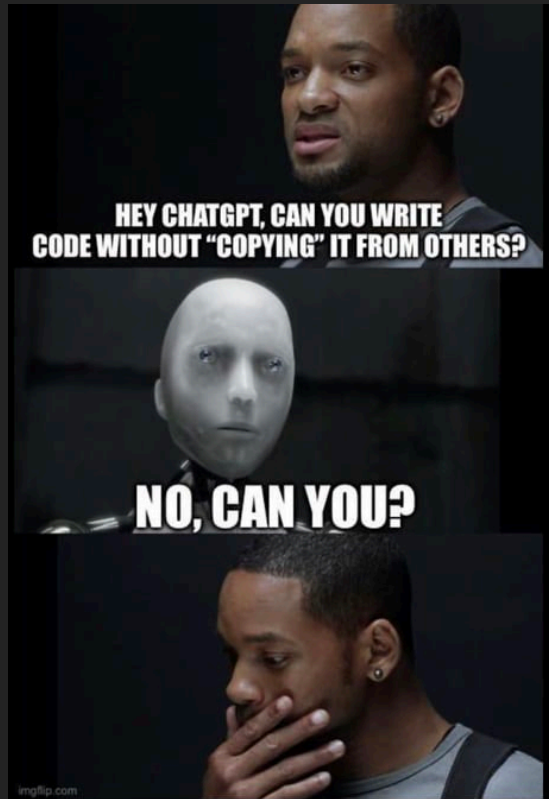




Unleashing Your Creativity with AI Tools (ChatGPT & Intelligent PDFs)

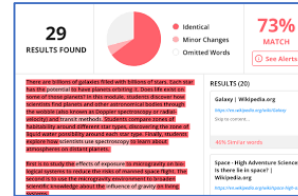




Relax



Reality Check: AI is already here!



An A.I.-Generated Picture Won an Art Prize. Artists Aren't Happy.



Jason Allen's A.I.-generated work, "Théâtre D'opéra Spatial," took first place in the digital category at the Colorado State Fair. via Jason Allen

"I really think that artificial intelligence tools present *the greatest creative disruption to learning* that we've seen in my lifetime," Sarah Eaton, associate professor of education at the University of Calgary.

Educator considerations for ChatGPT

A GPT is a language model, which is an AI algorithm designed to understand and generate human-like language.

<https://platform.openai.com/docs/chatgpt-education/educator-considerations-for-chatgpt>



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JONES COLLEGE OF BUSINESS

<https://www.chronicle.com/article/chatgpt-is-already-upending-campus-practices-colleges-are-rushing-to-respond>

<https://www.nytimes.com/2022/09/02/technology/ai-artificial-intelligence-artists.html>

Is AI a threat or an opportunity

How much you know about ChatGPT?

- What does GPT stand for?
- Does ChatGPT always generate accurate output?
- Is the ChatGPT-generated output potentially bias?
- Are students going to use ChatGPT?
- Is it possible to always detect AI-generated text?
- Is the use of ChatGPT helpful in learning?
- Is the use of ChatGPT always “cheating”?



Chat with PDFs

Just talk to your PDF file as if it were a human with “perfect” understanding of the content.

[Humata.ai](#)

- Ask questions about a pdf document
- Limited to 20 pages due to high demand (60 before!)
- Technology is changing quickly!

[Chatpdf](#)

With ChatPDF, your documents become intelligent!

Limited to 120 pages due to high demand!

TO LIVE DEMO



ChatGPT Prompts

- **Write / Create** article/outline/play/song/poem
- Limit words -> **Maximum 400 words**
- **[Rewrite] / Act as** “a British poet and rewrite”
- **Summarize** “ text in quotes ”
- Add “**in the style of a pirate**” or any well know public personality
- **Rephrase** “text in quotes ...”
- **Solve** ... “math / algebra equation”
- **[write as a doctoral student. Use clear and advanced language]**
How do I improve attendance in my classroom?
- **[format response using markups, headings, subheadings, bullet points, and boldface to organize information]** How do I increase attendance in my class?

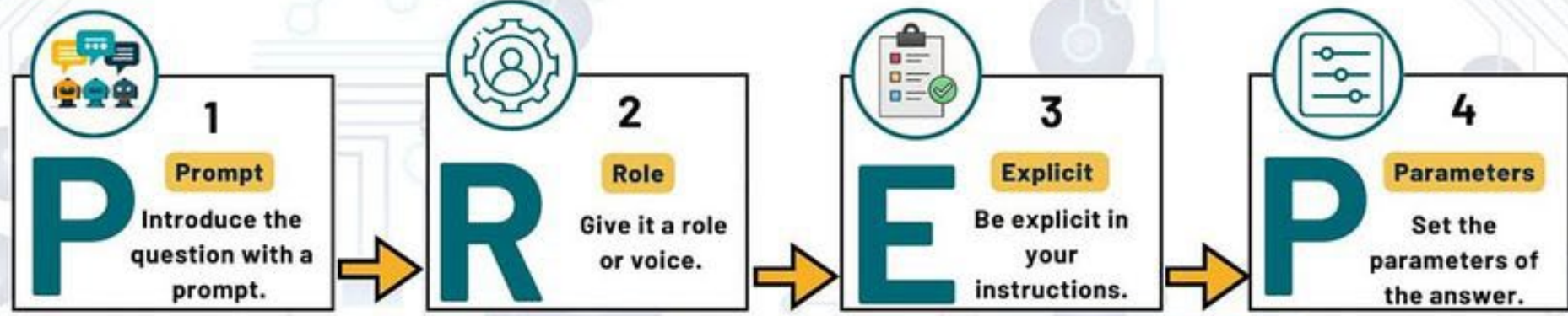
TO LIVE DEMO

PROMPT ENGINEER FRAMEWORK

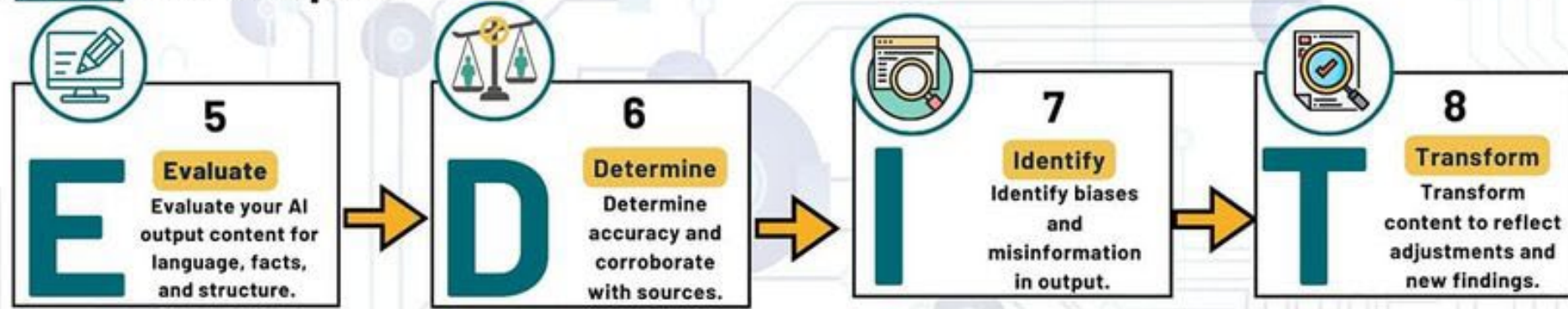


@AmandaFoxSTEM
@DanFitzTweets
@WeinsteinEdu

First, **PREP** the Machine.



Then, **EDIT** the Output.



Re-**PREP** & **EDIT** until Satisfied

The #AICLASSROOM



What are
professors doing
with ChatGPT?

Create an AI Virtual Assistant for your Class

- One [professor at Georgia Tech](#), even used AI to build a virtual teaching assistant, called “Jill Watson.”

AskAI

Build your own AI Q&A, with any content in minutes. Share it anywhere on the web. (not free!)



Teach How To Use ChatGPT responsible

Alexandra Taraboletti, Assistant Professor of Chemistry,
University of the District of Columbia

“I have students use chatGPT and other AI to:

- Show how to construct lab reports.
- Show students how to ask appropriate research questions and
- How to do base research they then can feed into chatGPT.
- Show examples of information generated by the AI that can be false, and how to proof the report (a valuable lesson in editing and proofing).”



I-Search Paper, Idea Generation, Apply Critical Thinking, Encourage Debate



Some of the Issues with ChatGPT



- “Shortcuts the student’s process of thinking through an issue”, Anna Mills, English instructor, *College of Marin*.
- “It’s not very good at introspecting,” Steipe said. “It just generates. OpenAI’s chatbot offers coherent prose that is prone to errors.
- **Inherited Bias**
- **Generates bogus references – (Links)***
Other tools can generate real links.
- **Can’t get data past 2021 ***
WebChatGPT add-on.
[Bing Chat – Internet-connected + ChatGPT v4?]

What is JCB faculty doing?*

- College of Business Faculty has three philosophies regarding ChatGPT: *Ignore*, *Resist* or ***Embrace***.
 - Learn about ChatGPT – take it for a run
 - Run your discussion and paper prompts through ChatGPT
 - Share, discuss, and reflect on results with your students
 - Implement [AI use policy](#) with your classes.
 - Augment learning
 - Revise assignments to require
 - critical thinking, opinion, reflection or current information (ChatGPT cuts off in September 2021.*)
- Create and join a group to discuss AI technology topics in the college/department.



“But as with any technology, this is an *ideal opportunity to reflect on our current teaching practices*, experiment with new opportunities, and brainstorm ways they could be utilized effectively in a classroom,” statement by LSU.”



I Asked “How can I use ChatGPT in my [.....] class?*”

	Economics	Marketing/Sales	Accounting/Finance	Finance
Answering questions (interactive)	Concepts, principles, theories	marketing concepts, principles, theories	Concepts, principles, theories	Calculate financial ratios, ROI, etc.
Virtual Tutoring	Support outside class, feedback on economic cases	Feedback on marketing campaigns, SWOT analysis	Feedback on financial statements, SWOT, insights on financial performance. Suggest areas of improvement	Analyzing stocks prices, investment opportunities, risk tolerance, investment recommendations
Providing Data, Measurements	Market trends, interest rates, economic indicators	Generating “new” marketing ideas	Generate financial reports, balance sheet, income statements.	Financial performance, investment potential
Analyzing Data, Research Assistance	Data on relevant articles, other sources	Analysis customer data, simulating customer interactions	Accounting standards, accounting guidelines	Analyze financial data, SWOT, trends, etc.

TIME TO SWITCH TO A FLIPPED CLASSROOM MODEL?

In conclusion

What will you do about ChatGPT?

- Add an academic integrity policy statement to the syllabus
- Use face-to-face oral presentations or exams
- Require the use of proctoring (Examity) for tests
- Modify assignments to require original/creative work
- Briefly discuss the use of AI tools with students in class
- Create a ChatGPT-specific assignment to reflect/edit/critique
- Add a module about the proper use of ChatGPT and ways to integrate it to elevate teaching & learning
- Create an entire course about it!

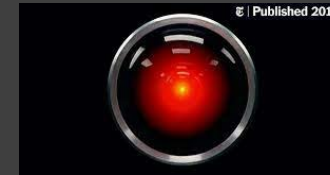


Questions?



<https://www.mtsu.edu/businesslab/services/AITools.php>

teachingwhatisgood.com



First appearing in the 1968 film 2001: A Space Odyssey, HAL (Heuristically programmed ALgorithmic computer) is a *sentient artificial general intelligence* computer that controls the systems of the Discovery One spacecraft