CHATGPT AND A.I. TEXT GENERATORS IN ACADEME

Practical Uses in the Education Sector

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CONTENTS

Artificial Intelligence

The Future of AI in Education

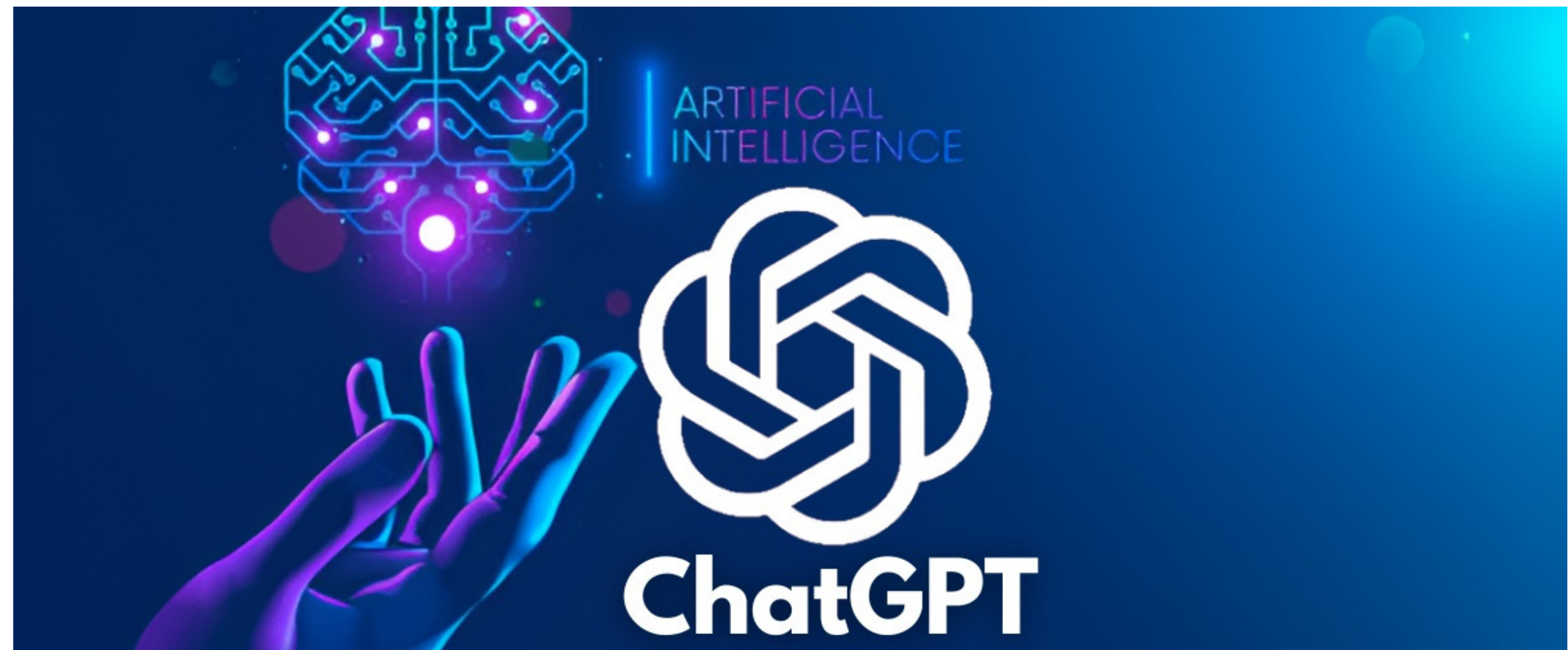Harvard Business Publishing Education | The Faculty Lounge

THE A.I. CLASSROOM

Generative AI tools (i.e. ChatGPT, Bard, Bing) are the biggest and fastest transformations to hit the academe.

OPPORTUNITIES THAT CHATGPT, BARD, AND BING MAY BRING TO ACADEMIA

AITGs boost collective familiarity with AI tools

Martinez, et.al. (2023)

OPPORTUNITIES THAT CHATGPT, BARD, AND BING MAY BRING TO ACADEMIA

AITGs can be used for training purposes

Martinez, et.al. (2023)

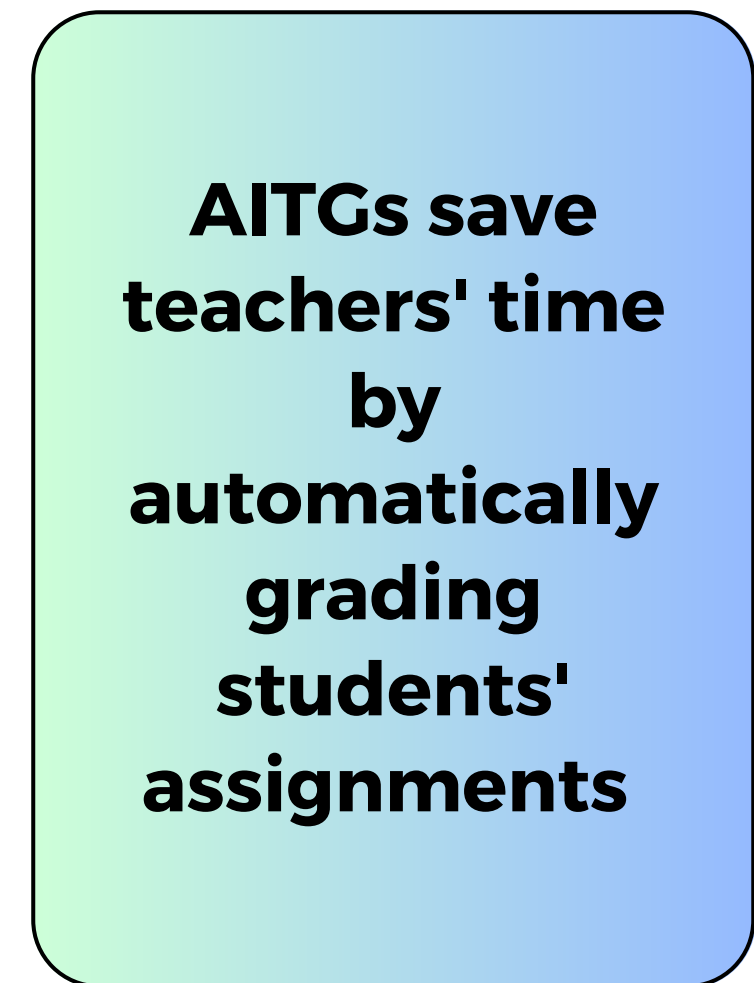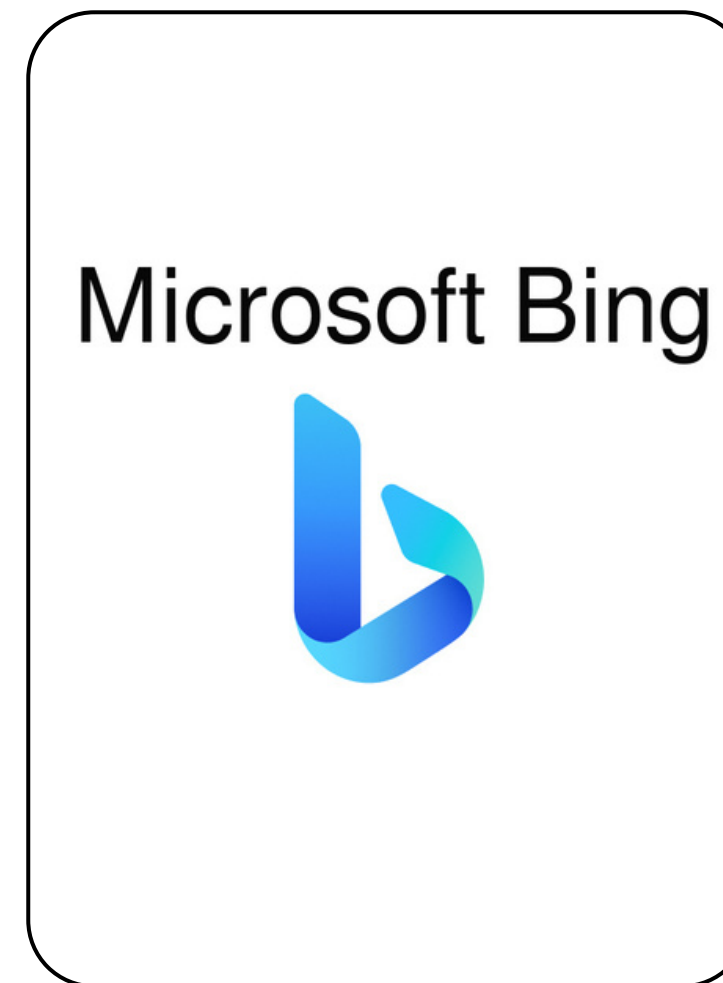# OPPORTUNITIES THAT CHATGPT, BARD, AND BING MAY BRING TO ACADEMIA

AITGs can assist educators in preparing and reviewing sessions

Martinez, et.al. (2023)

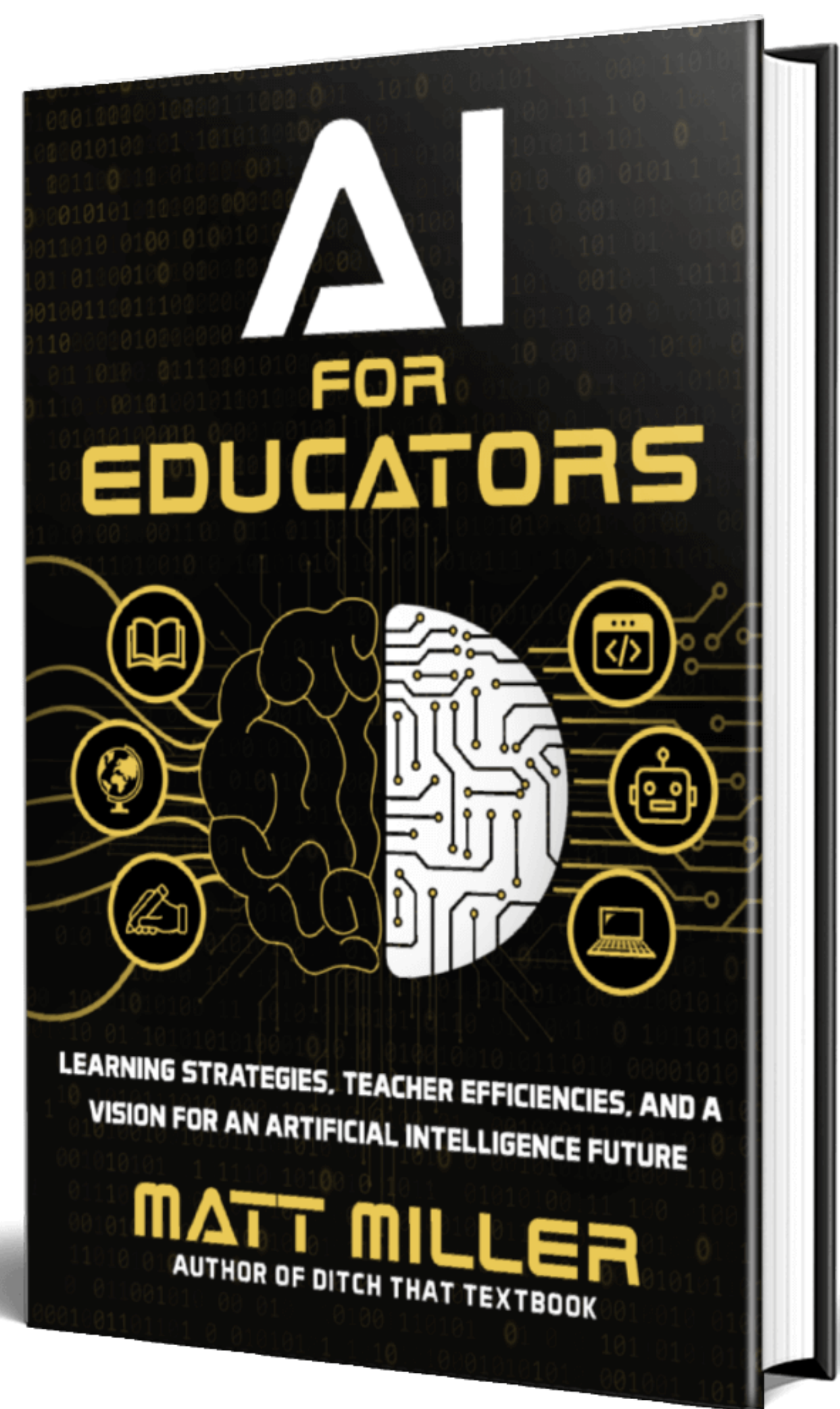# OPPORTUNITIES THAT CHATGPT, BARD, AND BING MAY BRING TO ACADEMIA

AITGs save teachers' time by automatically grading students' assignments

Martinez, et.al. (2023)

ADAPT OR RESIST?

Analyze AI's advantages and utilize them in favor of the students to achieve their educational outcomes

AI FOR EDUCATORS

LEARNING STRATEGIES, TEACHER EFFICIENCIES, AND A VISION FOR AN ARTIFICIAL INTELLIGENCE FUTURE

MATT MILLER
AUTHOR OF DITCH THAT TEXTBOOK

HOW ACADEME ADAPTS TO A.I.

Develop critical thinking skills

Invest energy, resources, and creativity

Introduce more oral assignments and in-person exams

Increase the importance of in-class activities

Adopt new or more ways to get students to showcase their learning

Emphasize the ethical use of AI (data privacy, etc)

Emphasize the importance of proper research and citation practices

Train educators in the use and identification of AI-produced content

Martinez, et.al. (2023)

ARE OUR STUDENTS READY FOR A.I.?

Empower student to harness the AI tools

KEY SKILLS STUDENTS NEED TO HARNESS A.I.

Problem Formulation

KEY SKILLS STUDENTS NEED TO HARNESS A.I.

Problem Formulation

Exploration

Acar, O. (2023)

KEY SKILLS STUDENTS NEED TO HARNESS A.I.

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Experimentation

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KEY SKILLS STUDENTS NEED TO HARNESS A.I.

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KEY SKILLS STUDENTS NEED TO HARNESS A.I.

Problem Formulation
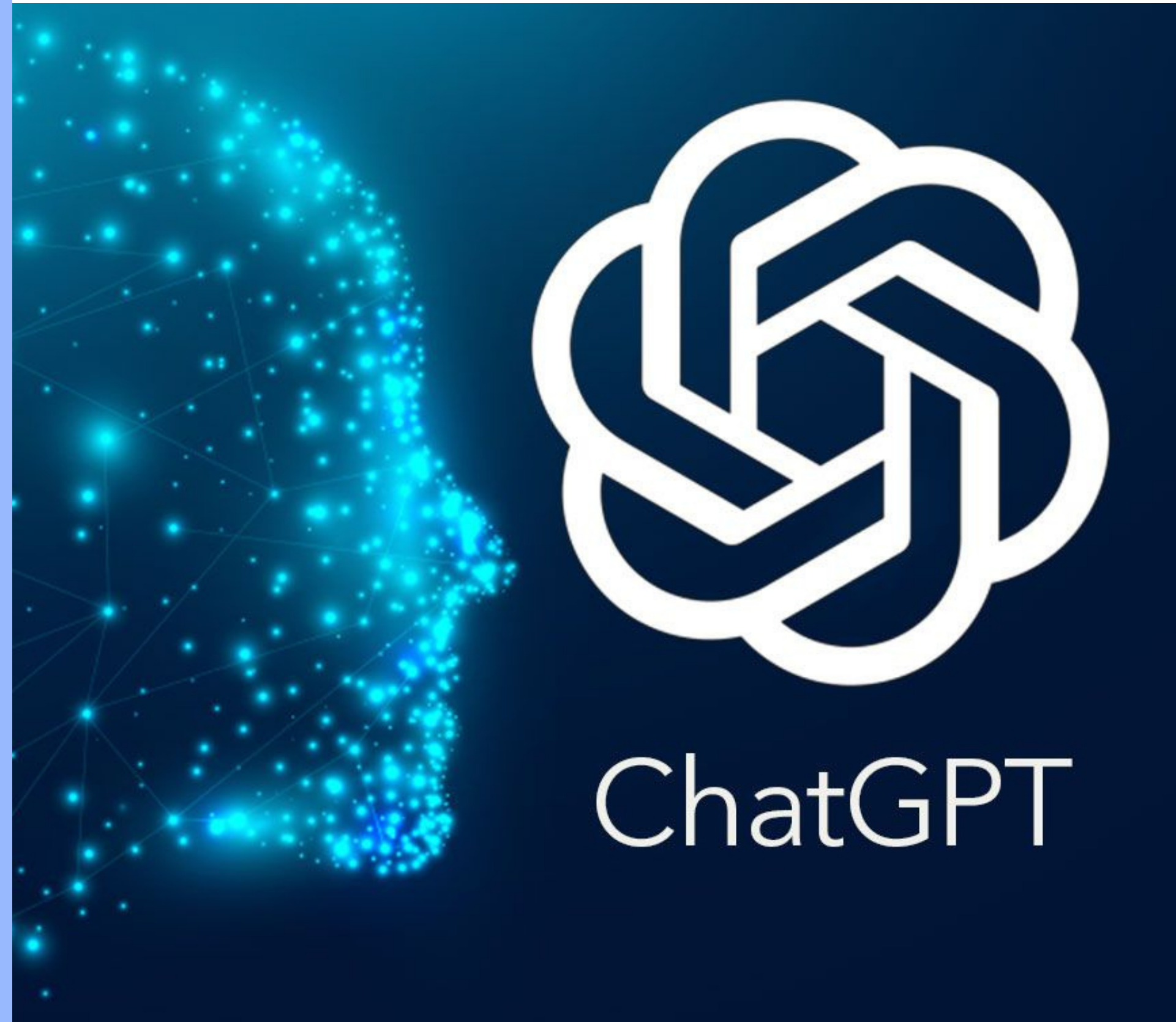
Exploration

Experimentation

Critical Thinking

Willingness to Reflect

Acar, O. (2023)

HOW DO WE ADAPT TO A.I.?

ChatGPT can complement
learning, not replace it

ChatGPT

CRAFTING AN A.I. POLICY FOR THE CLASS

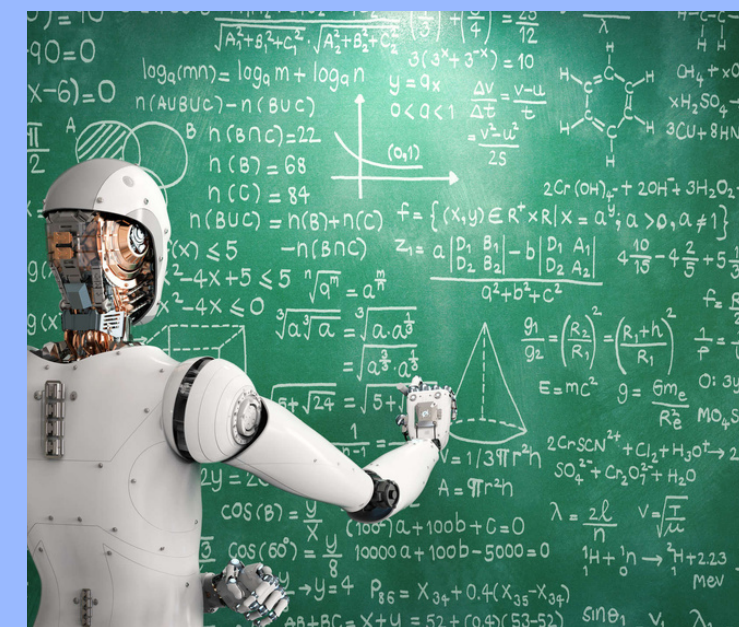Having a clear policy regading the use of AI tools is the first step
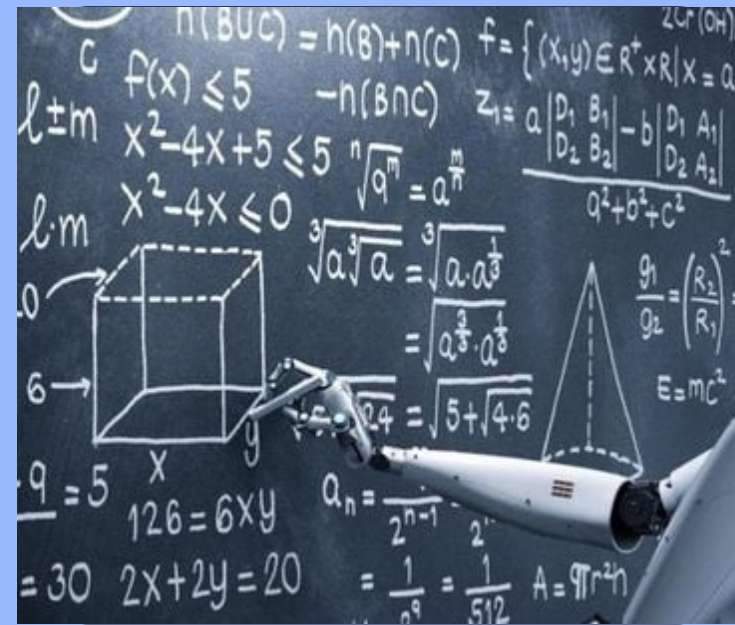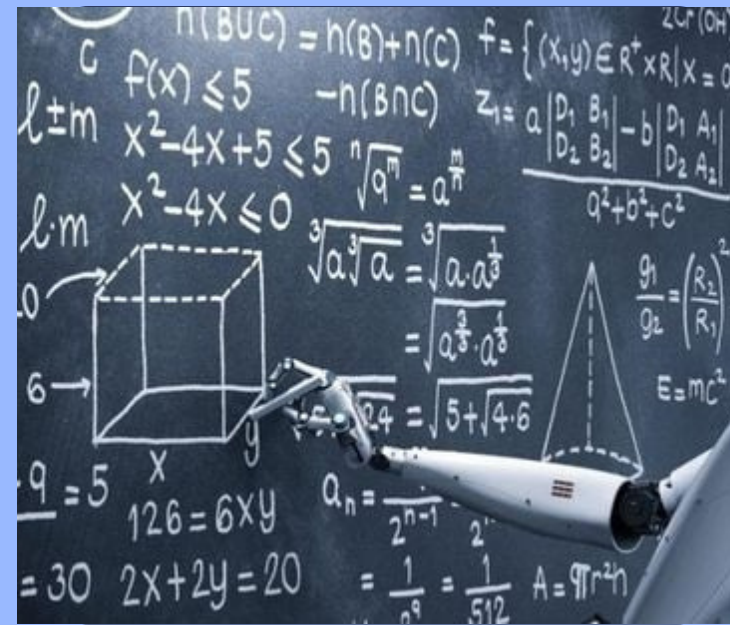
POLICY CONSIDERATIONS

Mollick and Mollick (2023)

Under what circumstances AI use is permitted or forbidden

POLICY CONSIDERATIONS
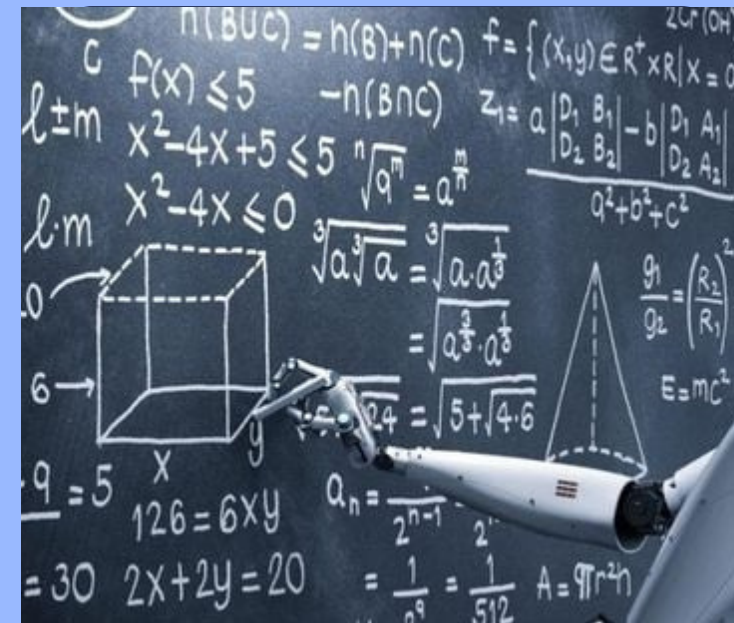
Under what circumstances AI use is permitted or forbidden

How students should cite and credit AI

Mollick and Mollick (2023)

POLICY CONSIDERATIONS

Under what circumstances AI use is permitted or forbidden

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A warning about technology's tendency towards hallucination

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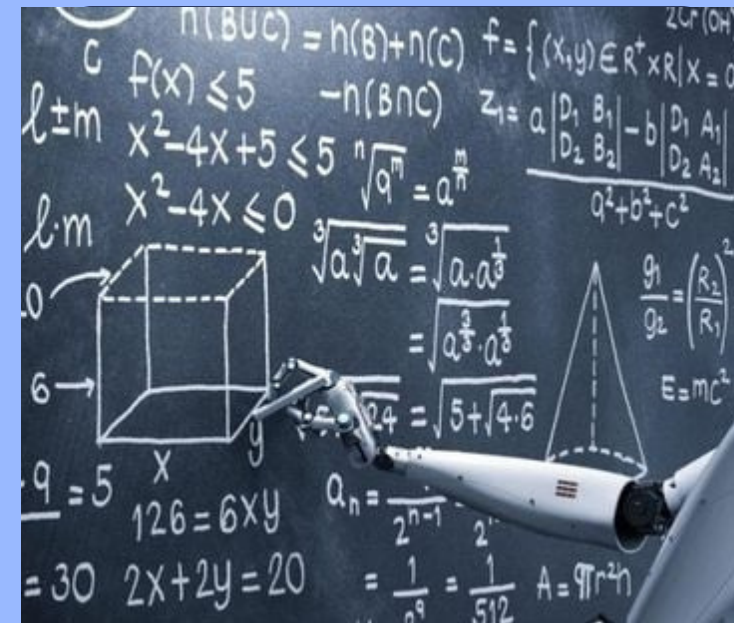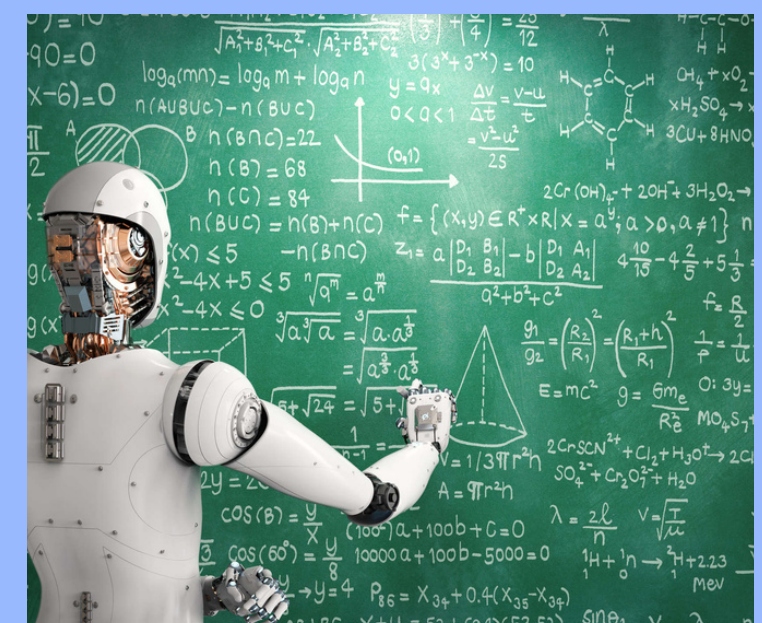**A notice about using AI ethically and responsibly**

A warning about technology's tendency towards hallucination

Mollick and Mollick (2023)

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Under what circumstances AI use is permitted or forbidden

How students should cite and credit AI

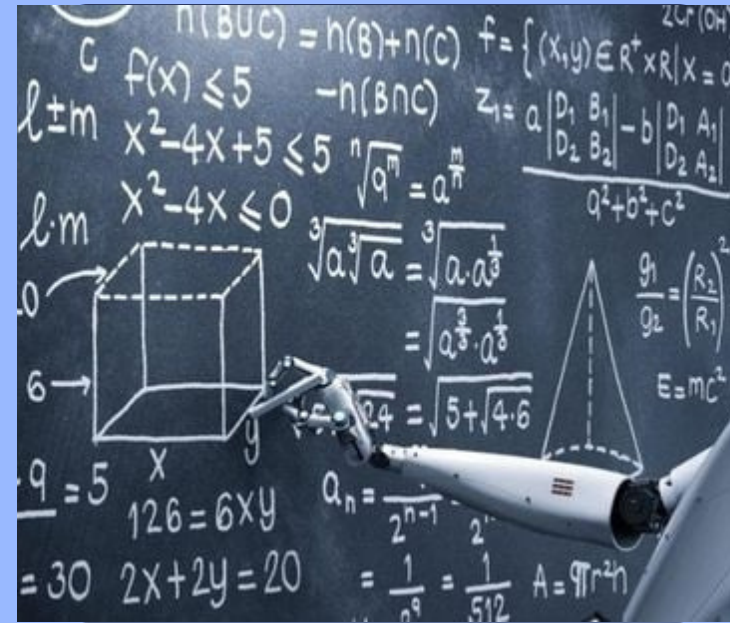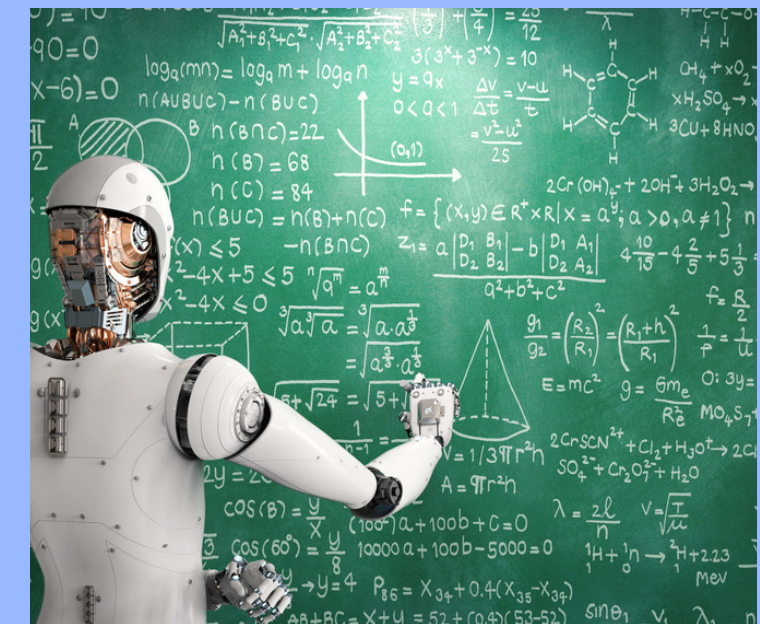Discussion of the need to use AI as a tool to learn, not just to produce content

A notice about using AI ethically and responsibly

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Under what circumstances AI use is permitted or forbidden

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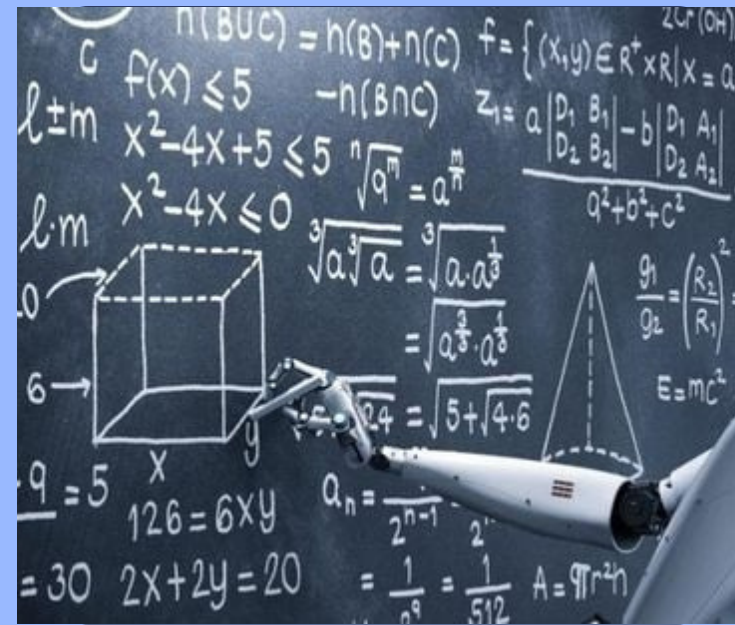Discussion of the need to use AI as a tool to learn, not just to produce content
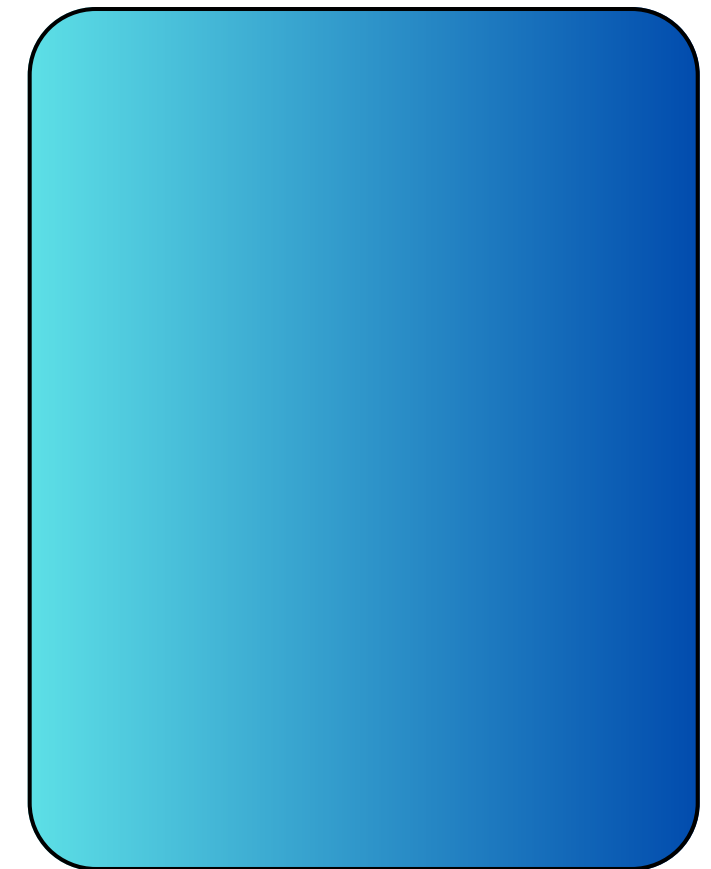
A notice about using AI ethically and responsibly

A warning about technology's tendency towards hallucination

Clear rules regarding students' accountability for AI output

Mollick and Mollick (2023)

EXAMPLE OF A POLICY

I expect you to use ChatGPT in this class. In fact, some assignments or tasks will require it. Learning to use AI is an emerging skill and I provide tutorials on how to use them. I am happy to meet you and help you with these tools during or after class.

Mollick and Mollick (2023)

EXAMPLE OF A POLICY

Be aware of the limits of ChatGPT, such as the following:

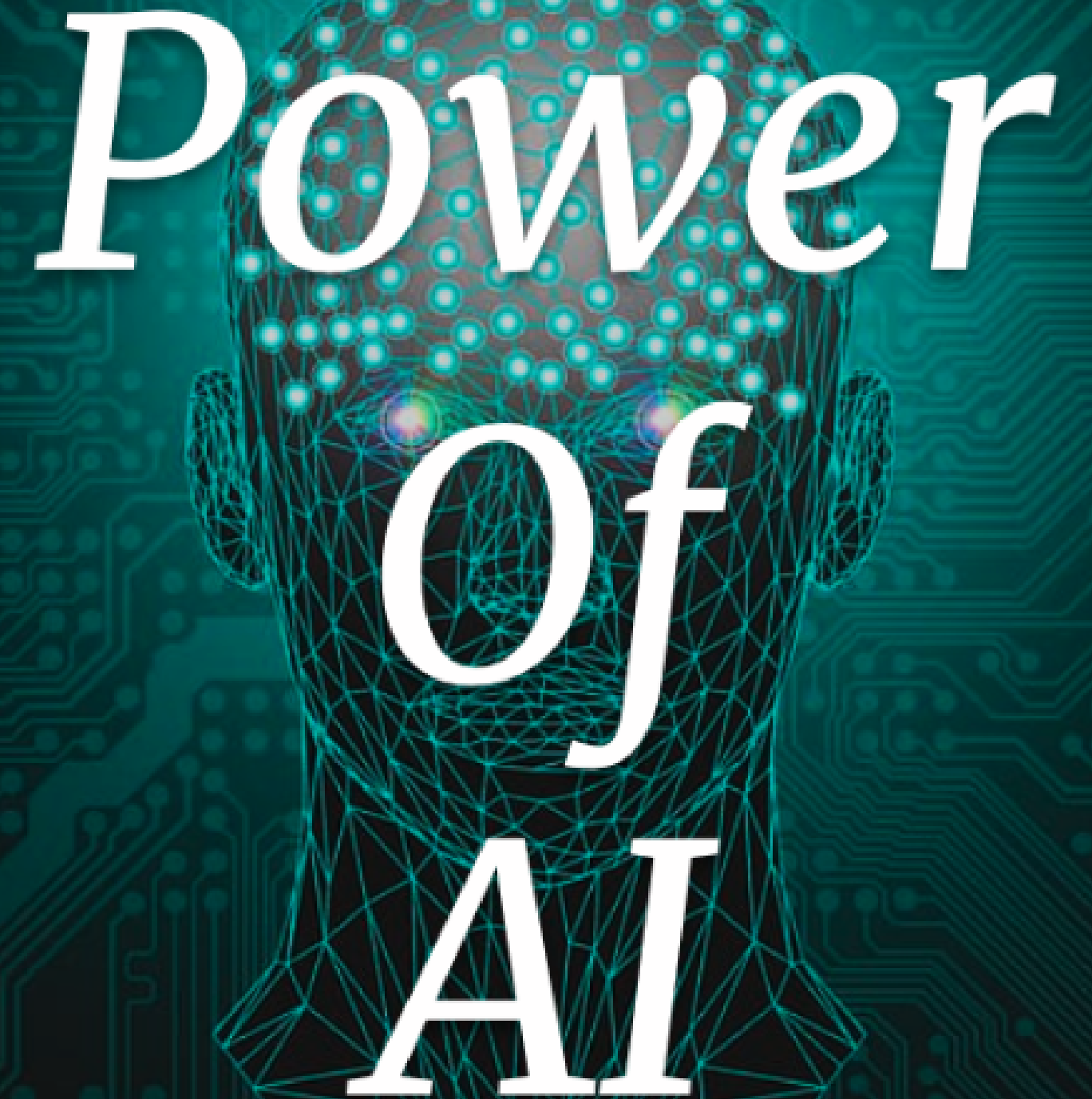If you provide minimum-effort prompts, you will get low-quality results.

Don't trust anything it says.

AI is a tool, but one that you need to acknowledge using.

Be thoughtful about when this tool is useful.

Mollick and Mollick (2023)

ON A FINAL NOTE

AI can unleash a whole new way of learning while leveling the playing field

THANK YOU FOR LISTENING!

REFERENCES

Mollick, E.& Molllick, L. (2023).Why all our classes suddenly became Ai classes. The Faculty Lounge. Harvard Business Publishing Education.

Mucharraz, Y.C., Venuti, F. & Martinez, R.H. (2023). ChatGPT and Ai text generators: should academia adapt or resist? The Faculty Lounge. Harvard Business Publishing Education.

Acar, O.A. (2023). Are your students ready for AI? The Faculty Lounge. Harvard Business Publishing Education.

Mollick, E.& Molllick, L. (2023). Let ChatGPT be your teaching assistant. The Faculty Lounge. Harvard Business Publishing Education.