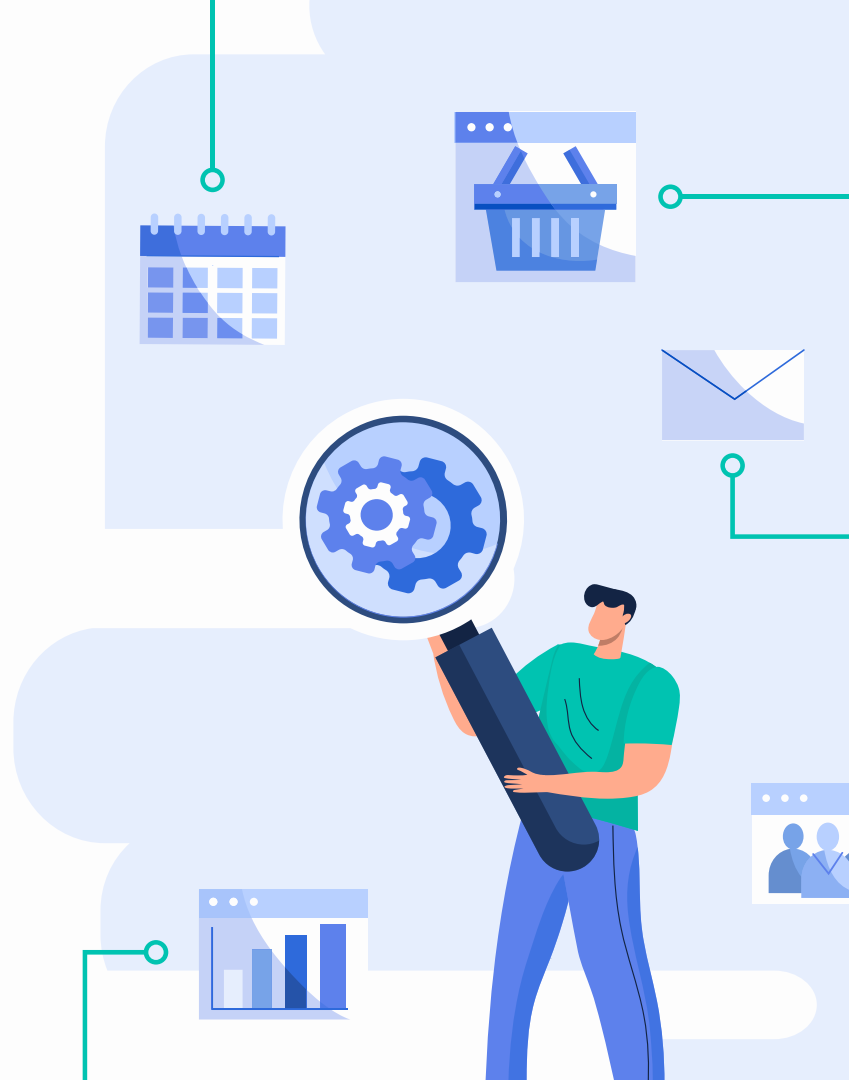


ChatGPT/AI Where are We Now?

IDN Professional Development Webinar



Today's Presenters



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Instructional Designer
Tidewater Community College
Norfolk VA

Page Durham

Senior Instructional Designer
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\$136.6 Billion

The Global AI Market

\$1,811.8 BILLION

Global Market projected size by 2030

\$15.7 TRILLION

The Global GDP will grow thanks to AI by 2030

Table of contents

01

AI

What is it?

02

AI Models

What are they?

03

AI Importance

Why is it important?

04

AI Functions

What are the main uses?

05

Next Big Thing

What's Next?

06

Conclusion & Resources



01

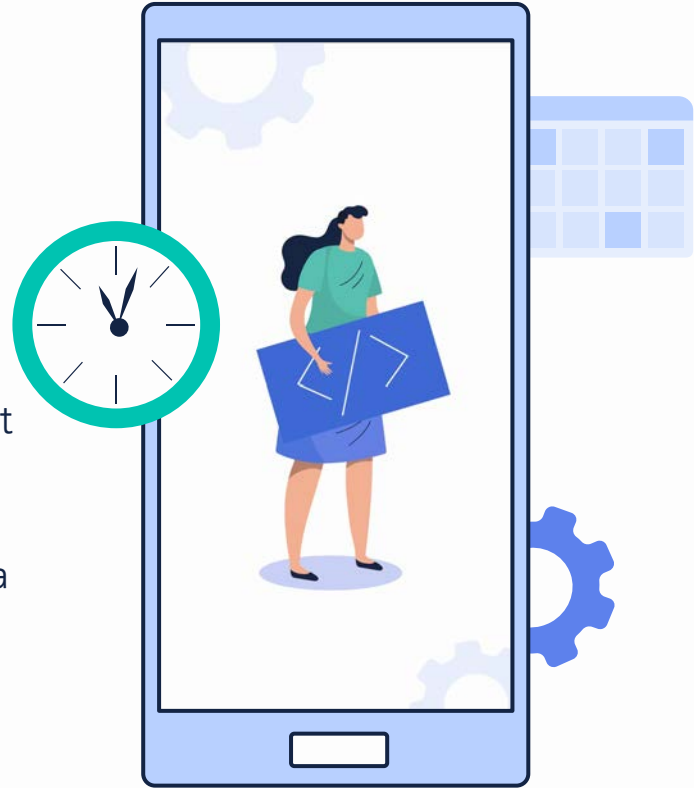
AI

What is it?



What is it?

Artificial intelligence (AI) is computer software that mimics human cognitive abilities in order to perform complex tasks that historically could only be done by humans, such as decision making, data analysis, and language translation.





ChatGPT

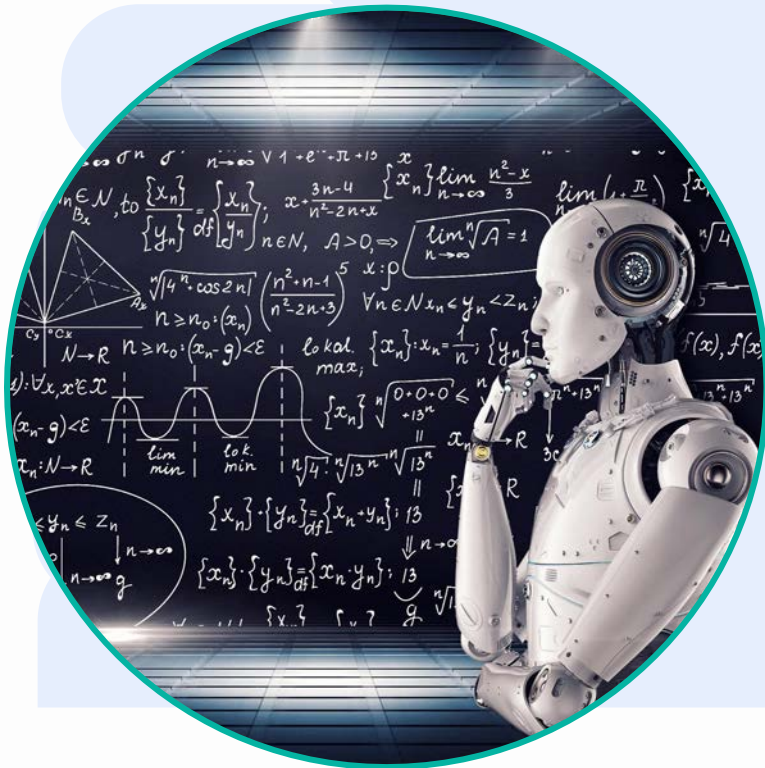
What is it?



02

AI Foundational Models

What are they?



6 Large Language Models

ChatGPT 3.5

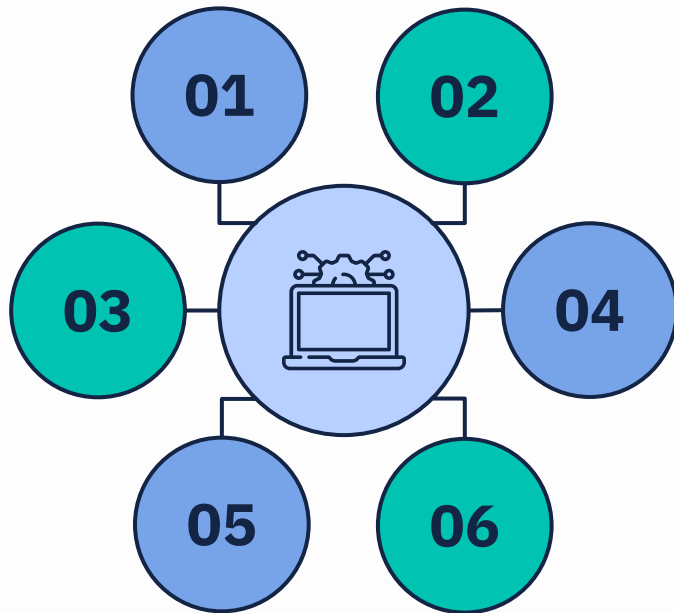
Free, Fast, Solid (soon to be connected to Bing)

Bing AI

Connected, Creative Mode uses ChatGPT4, links to sources

Google Bard

Not very good, has Google It! button



ChatGPT 4

Pay, powerful in writing and coding, Connected

Anthropic Claude

Supports 50 -75K words

ChatGPT Plugins/Web/Code Interpreter

Adds new capabilities, Code interpreter lets the AI run Python code

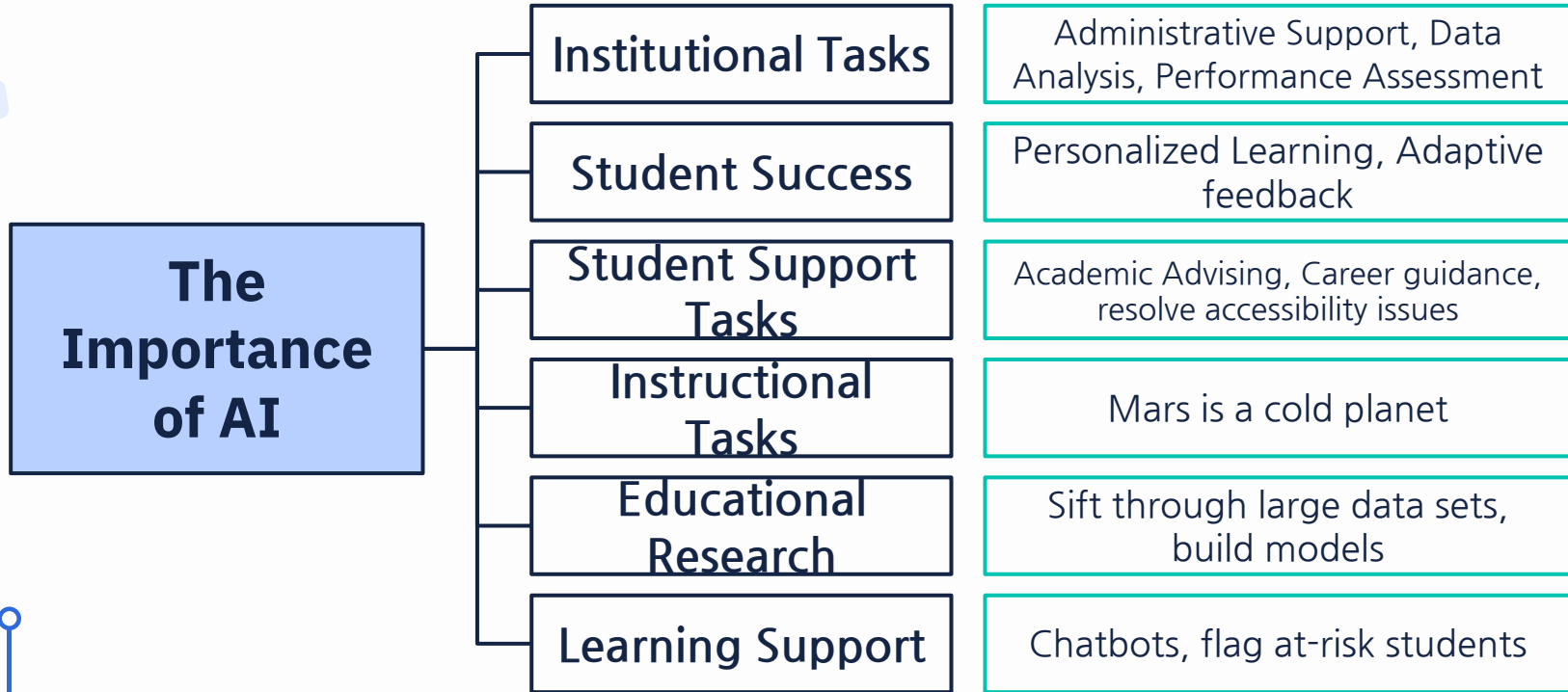


03 AI

Importance

Why is talking about this important?

How can AI help?



04

AI Functions

What are its uses?
Benefits and Strategies



Benefits and Limitations



VS



Benefits

- Increased efficiency and accuracy
- Personalized learning experiences
- 24/7 support for students and faculty

Limitations

- Lack of creativity, intuition and empathy
- Privacy and security risks
- Cost and implementation barriers

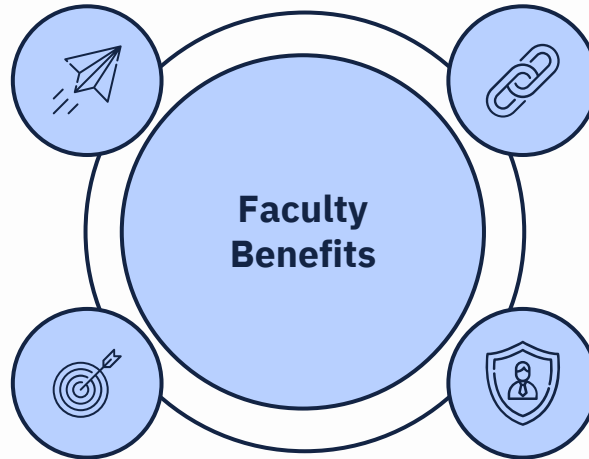
Benefits of ChatGPT/AI

Speed

Produce content in minutes if not seconds

Engagement

Games, activities, role playing



Content

Create inclusive and diverse content, lesson plans, rubrics

Research

Easily sifts through large amounts of data/papers

Strategies

- Use the tools
- Bring students into the discussion
- Help them navigate AI tools
 - Discuss accuracy and reliability - GPT/AI may 'hallucinate'
 - [Critical Media Literacy Guides \(edtechbooks.org\)](https://edtechbooks.org)
- Discuss Code of Conduct, Plagiarism, Academic dishonesty
- Submission of AI generated work without citing = Plagiarism
 - APA has citation guidelines
- Discuss YOUR view on use of GPT generated content in your course
 - Yes? No?
 - Set Expectations in your syllabus with a statement
- Build Relationships with your students

Strategies

- Input your own discussion prompts = see how AI responds
- Re-Evaluate Assessments
 - Higher-Order thinking skills = Analysis, synthesis, evaluation, creating
 - Use reflection exercises
 - Make assignments meaningful to the learner - help them make connections
- Add more formative assessments
- Discuss with your colleagues
- Create learning communities
- Hold lunch-n-learns
- Newsletter

Challenges and Ethical Considerations



Challenges

- Disrupting traditional roles and practices
- Uneven access and Adoption
- Sustainability and Scalability issues

Ethical Considerations


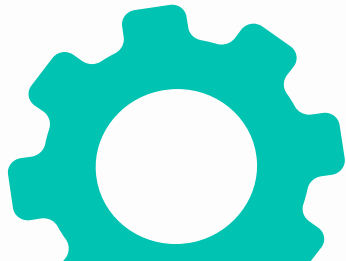

- Transparency and Accountability
- Privacy and Security
- Human Oversight and decision-making



Turnitin's AI Detector:

Higher-Than-Expected False Positives article from “Inside Higher Ed”

Our AI writing assessment is designed to help educators identify text that might be prepared by a generative AI tool. Our AI writing assessment may not always be accurate (it may misidentify both human and AI-generated text) so it should not be used as the sole basis for adverse actions against a student. It takes further scrutiny and human judgment in conjunction with an organization's application of its specific academic policies to determine whether any academic misconduct has occurred.



Case Studies/Examples

Arizona State University

Virtual Assistant helps students with financial aid, course planning, and registration.



Georgia State University

Personalized AI system boosts graduation rates and retention among at-risk students.

Harvard University

AI-powered grading system enhances speed and consistency of feedback to student work.



05

The Next **BIG** thing

Why is talking about this important?



Future Developments and Potentials

AI systems will increasingly tailor instruction, support, and feedback to individual learners.

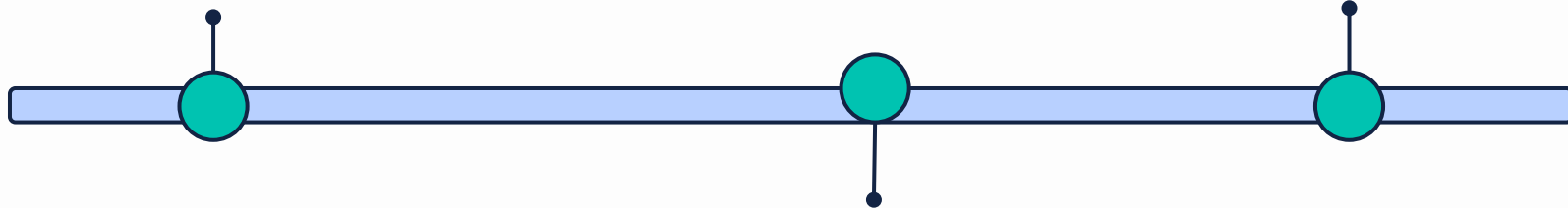
Adaptive Learning

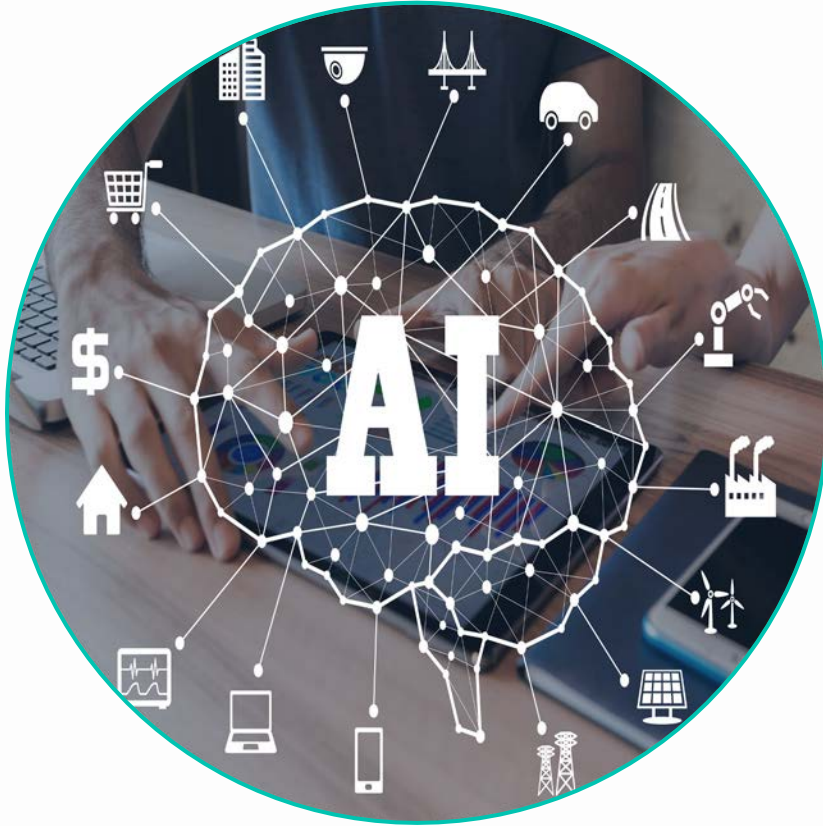
AI will enable institutions to predict student success and intervene before potential failures occur.

Predictive Analytics

Virtual/Augmented Reality

Chatbots will be able to simulate interactive learning environments for immersive experiences





Implications

- Shift from knowledge conveyance to skill development and lifelong learning
- Reconceptualization of the faculty role as learning facilitators and designers
- Emphasis on equity, diversity, and inclusion in the design and deployment of AI systems

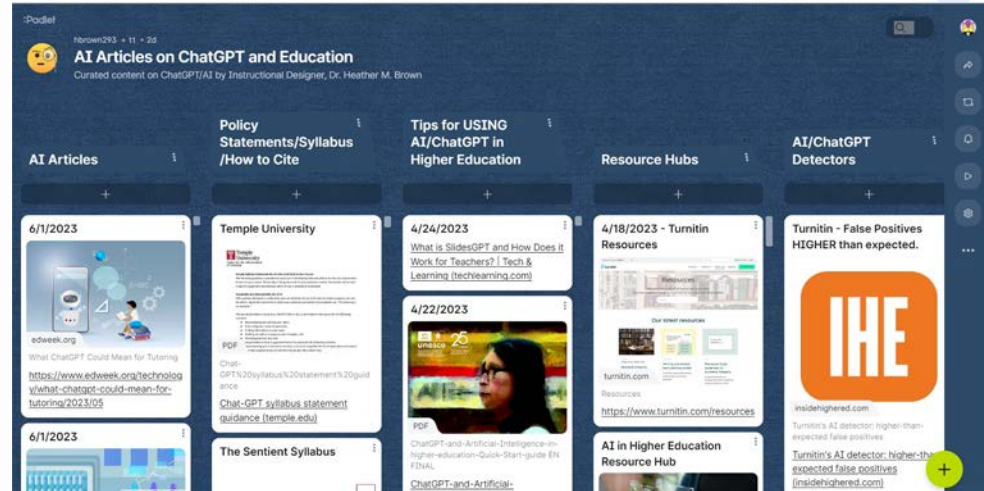
06

Conclusion & Resources

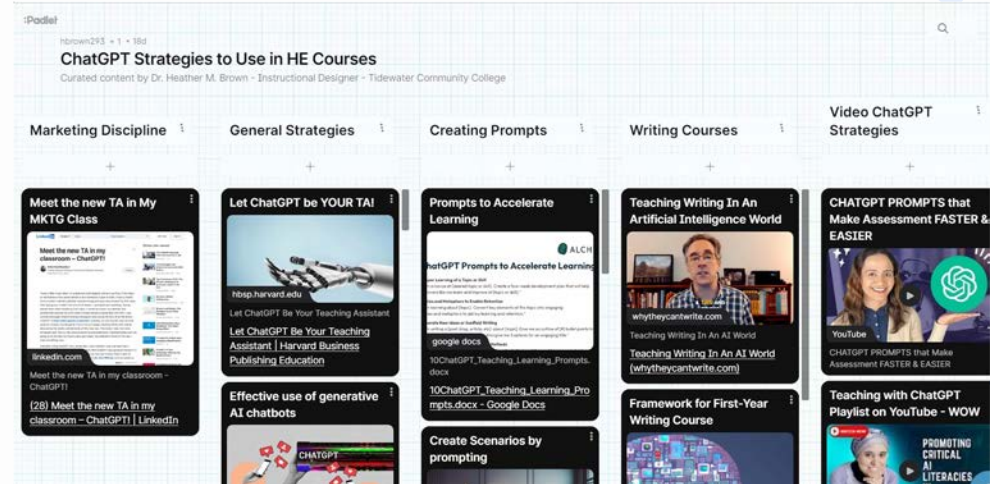
What are its uses?



Resources



Resources - Use Cases



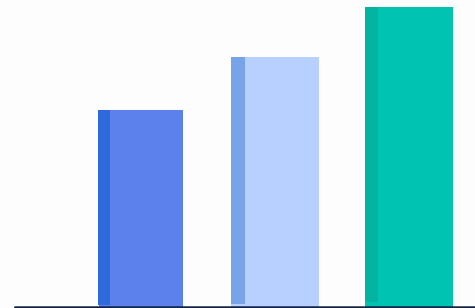


77% of the devices we use feature AI



8.4 Billion

AI-powered digital voice assistant units in the world by 2024, which surpasses the total global population



Conclusion

ChatGPT/AI has tremendous potential to enhance, transform, and democratize higher education.



Thanks!

Do you have any questions?

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