

Introduction to Artificial Intelligence

EPSY 8960: Seminar Series: Problems in Educational Psychology

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Objectives

- 01 Define AI
- 02 Recognize common AI applications
- 03 Discuss ethical concerns
- 04 Explain machine learning

Polleverywhere Question 1

Which statement best describes machine learning?

(A) Computers think exactly like humans.

0%

(B) . Computers learn patterns from data to improve performance.

0%

(C) Computers never make mistakes.

0%

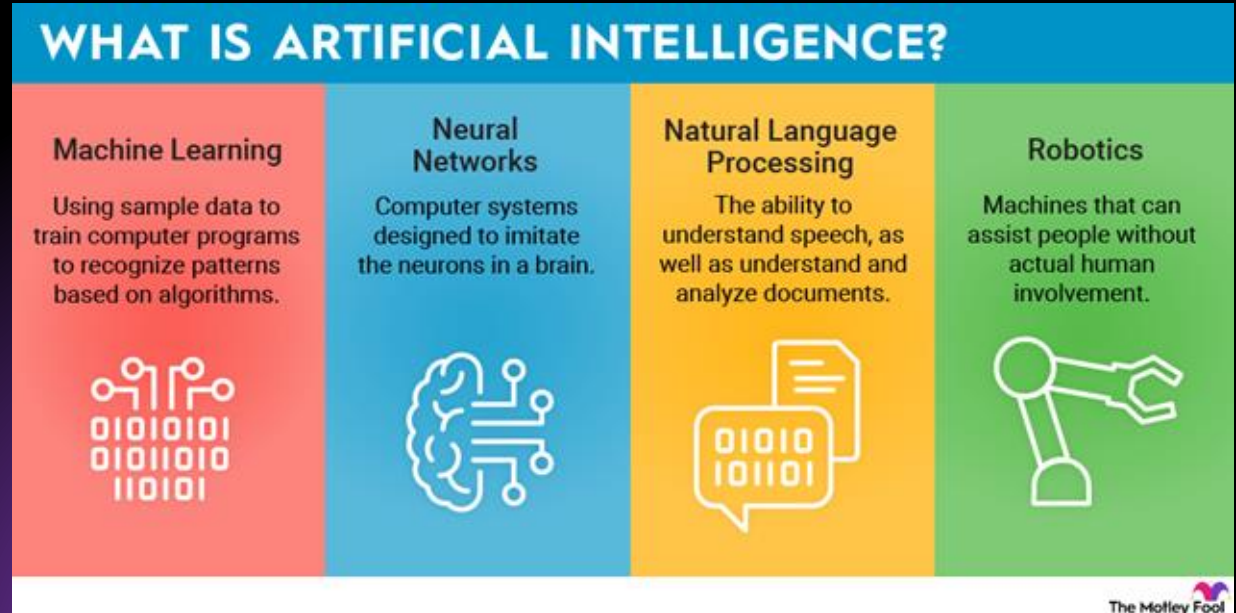


What is artificial intelligence?

AI is technology that allows computers to perform tasks requiring human intelligence

Examples

- speech recognition
- image recognition
- decision making
- language translation



Benefits of AI

Nobody has responded yet.

Hang tight! Responses are coming in.

Types of AI

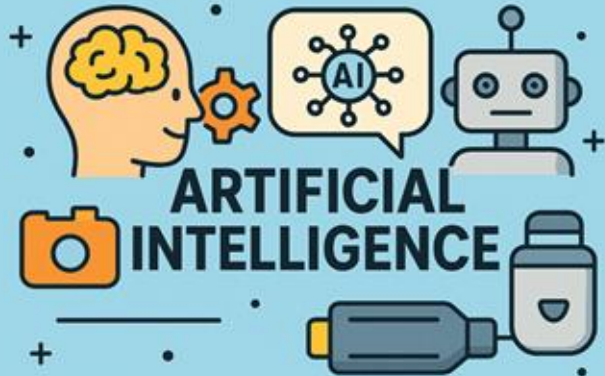
Type of AI	What it does	Example
Narrow AI	Performs one specific task	SIri, netflix recs, spam filters
General AI	Can perform any intellectual task like a human (theoretical)	Doesn't currently exist fully. Fictional would be robots in movies that complete all tasks Marty the robot
Generative AI	Creates new content such as text, images,music, or code	ChaGPT DALL-E,Copilot, ZeroGPT, Turnitin, Chegg

Challenges of AI

Nobody has responded yet.

Hang tight! Responses are coming in.

AI in everyday life



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- Voice assistants
- GPS navigation
- Netflix recommendations
- Online shopping
- Email spam filters
- Chat GPT
- Open Evidence
- Heidi
- Abridge

Polleverywhere Question 4

what are ethical considerations when using AI?

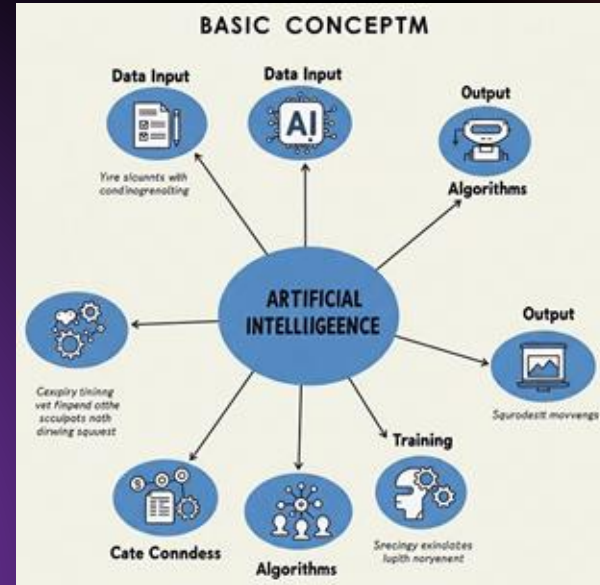
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Machine learning is a type of artificial intelligence that enables computers to learn from data instead of being explicitly programmed for every task. The more relevant data the system receives, the better it becomes at recognizing patterns and making predictions.

How does AI learn?



Responsible use of AI

Verify information

Protect personal data

Understand AI limitations

Use AI ethically



PollEverywhere Question 5

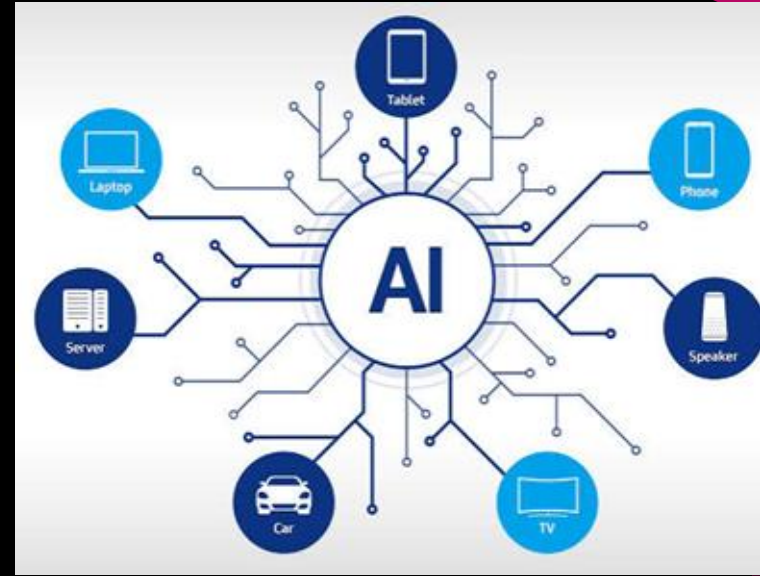
What is one benefit of AI that you have experienced?

Nobody has responded yet.

Hang tight! Responses are coming in.

What is the primary learning goal of this presentation?

The primary learning goals of this presentation are to help students understand what artificial intelligence is, recognize common examples of AI in everyday life, explain the basics of machine learning, and evaluate the benefits, challenges, and ethical considerations associated with AI. Students are also encouraged to actively participate through interactive polling questions that reinforce key concepts and promote discussion.



Is this a new presentation or was this created from an existing presentation?
If it was created from an existing presentation, how is this version different from the original?

This is a new presentation created specifically for this assignment. It was designed to include interactive polling activities that increase student engagement while aligning with the learning objectives. The presentation also incorporates Universal Design for Learning (UDL) principles by providing multiple ways for students to engage with the content and demonstrate their understanding.

What was the hardest part of creating this assignment and what was the easiest part?

The most challenging part was designing meaningful interactive questions that supported the lesson objectives instead of simply testing memorization. The easiest part was organizing the informational slides because the topic naturally progresses from basic concepts to real-world applications and ethical considerations.



Anything else you'd like to add or discuss, related to this assignment?

Creating this presentation reinforced the importance of using technology to promote active learning rather than passive listening. Interactive polling provides immediate feedback, encourages participation from all students, including those who may be hesitant to speak in class, and allows the instructor to adjust instruction based on student responses.

Reflection Journal

- I have checked to see if the font is legible to the design style. Because what I see from a teaching standpoint may not be the same as an audience standpoint.
- I have screenshotted the poll questions not realizing it wasn't fully accessible to everyone. Double checking on different devices would have helped resolve this technological issue.
- Feedback from peers and instructor helped to improve this presentation. Getting feedback from other pairs of eyes is always good to help critique what we may not see.
- I feel this updated version provides good intro to AI and helps the audience get information of technology and can learn the benefits/challenges of AI.



THANK YOU