



Introduction to Artificial Intelligence

EPSY 8960: Seminar Series: Problems in Educational Psychology

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HOW TO USE VOICEOVERS

The voiceovers as the mini speakers on the screen are pre recorded voice recordings discussing the content.

You click on the icon and press play to hear it.

After listening, you play the next one. Throughout the slides, there are also questions to be answered,

Be prepared to discuss these in class and for the post quiz at the end.

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%

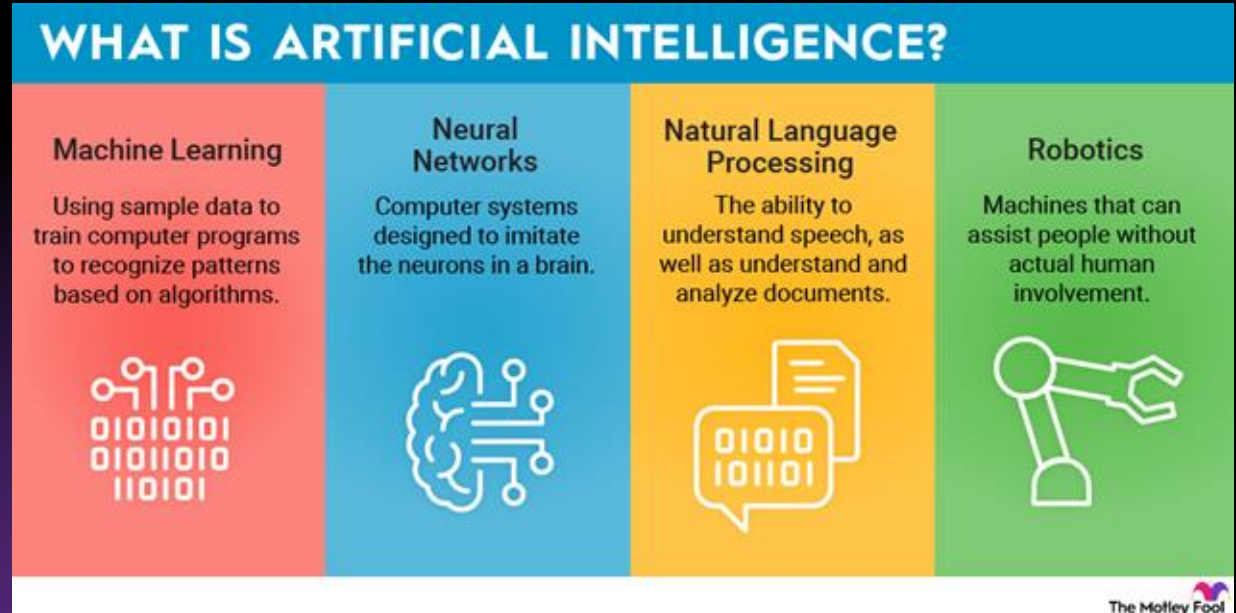


What is artificial intelligence?

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



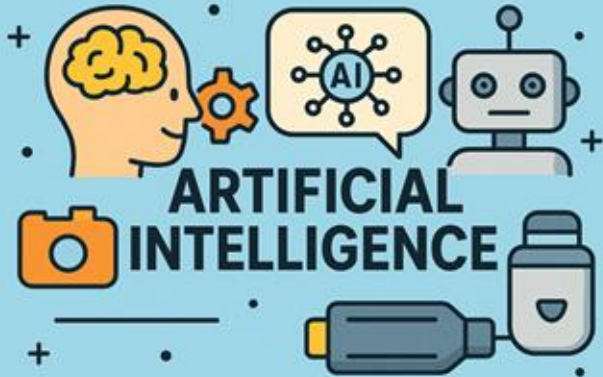
Type of AI	What it does	Example
Narrow AI	Performs one specific task	SIri, netflix recs, spam filters
General AI	Can perform any intellectual task like a human (theoretical)	Doesn't currently exist fully. Fictional would be robots in movies that complete all tasks Marty the robot
Generative AI	Creates 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?

Nobody has responded yet.

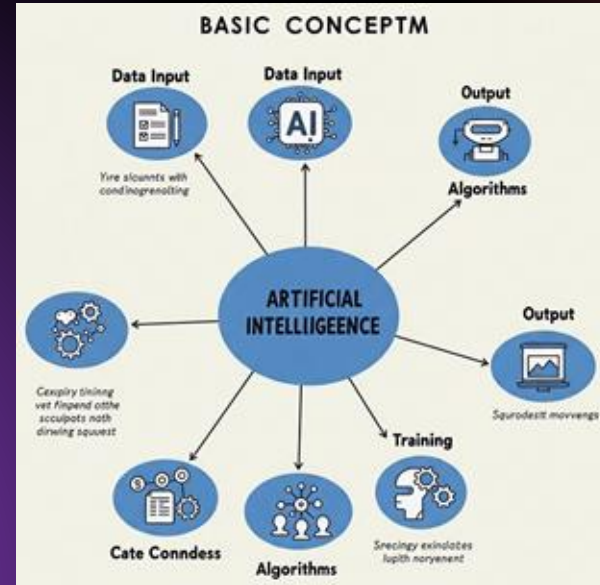
Hang tight! Responses are coming in.



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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

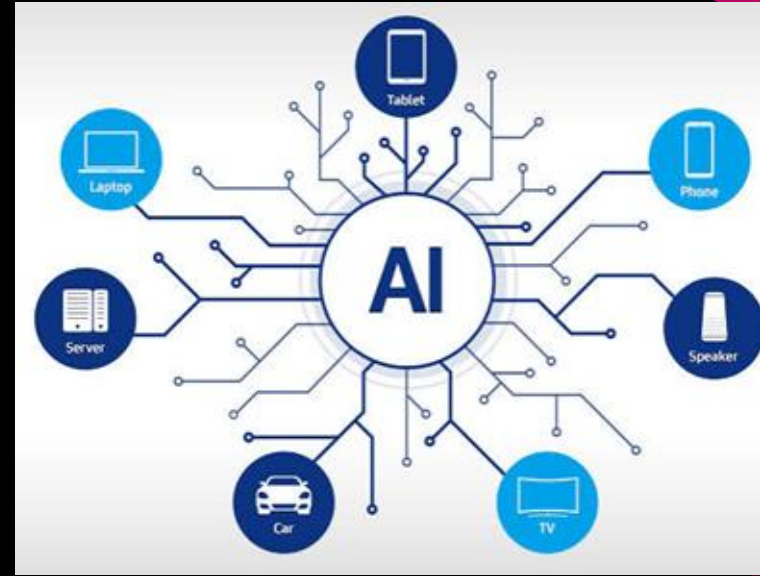
What is one benefit of AI that you have experienced?

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.



KAHOOT TIME



<https://play.kahoot.it/v2/?quizId=90610695-8617-48f5-9031-7206b276587d&hostId=bc2df1ca-5854-4f88-8c6a-ad80f48b25e3>

Reflection Journal

I have updated the video recordings to match per slide than one long recording. Breaking up the video content has allowed for smoother focus. Another feedback provided was captioning, now that the video matches per slide students can follow along.

I feel good about this brief introduction to AI presentation and feels students may find it helpful. Having the Kahoot as a post quiz is a good way to see if the students have understood the content.

THANK YOU