

Speaker Notes

Materials Required:

- Whiteboard or digital slideshow
- AI examples (images or videos)
- Activity materials (paper, markers)

Homework Assignment (after class):

- Find and write about an example of AI in your home or school.

Notes:

- Keep explanations simple and relatable.
- Use visual aids to maintain engagement.
- Encourage interaction to make the session dynamic and memorable.

Agenda

Act 1

Act 2

Act 3

Act 1

**Intros
(2 mins)**

Welcome and class objectives

Quick ice-breaker:
"What do you think AI is?" – SLIDE 1

**Part 1:
Understanding AI
(5 mins)**

Simple definition of AI

Everyday examples of AI (smartphones, games, voice assistants)

Brief history and evolution of AI

**Part 2:
Generative AI
(5 mins)**

Basic explanation of ChatGPT

How AI learns (data input and practice)

Quick activity: "If AI were a student, how would it learn to recognize a cat?"

Intro to Artificial Intelligence

Jeremiah Contreras

Faculty

Leeds School of Business



Ivan Portilla

Staff

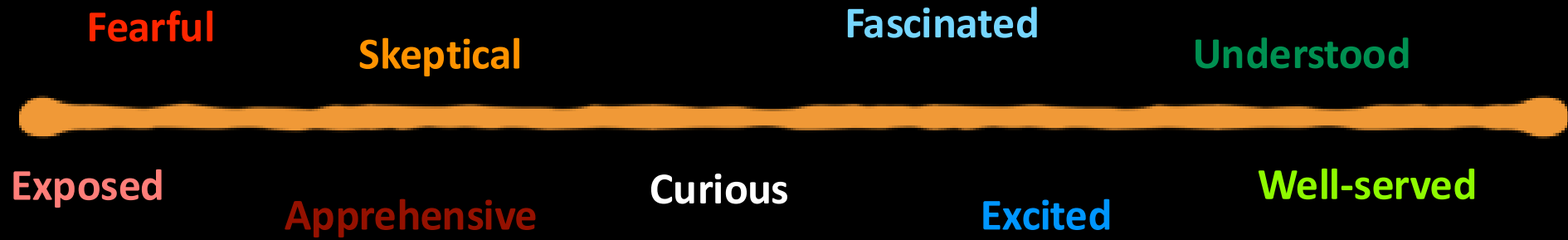
Applied Mathematics

University of Colorado

What is AI?

AI Perception

What do people feel about AI?



What we know



Exercise Uno

How is AI being used today?

AI is Everywhere

Personal Voice Assistants

Hey Siri, what's the weather today?

Alexa, play my favorite song!

Ok Google, remind me to do my homework at 7 PM.

Social Media Feeds

Your TikTok For You Page

Instagram Explore Tab

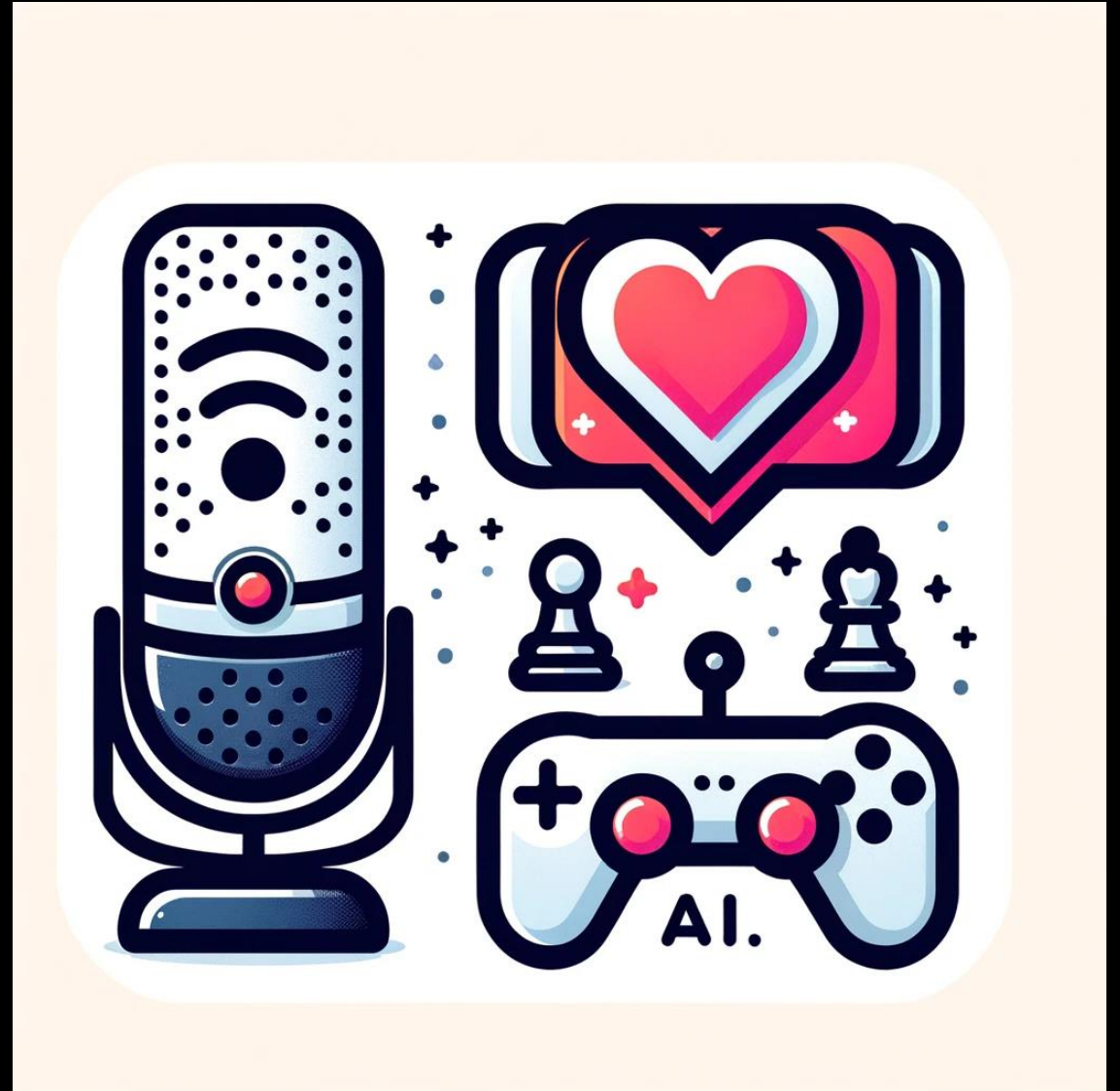
YouTube Video Recommendations

Online Gaming

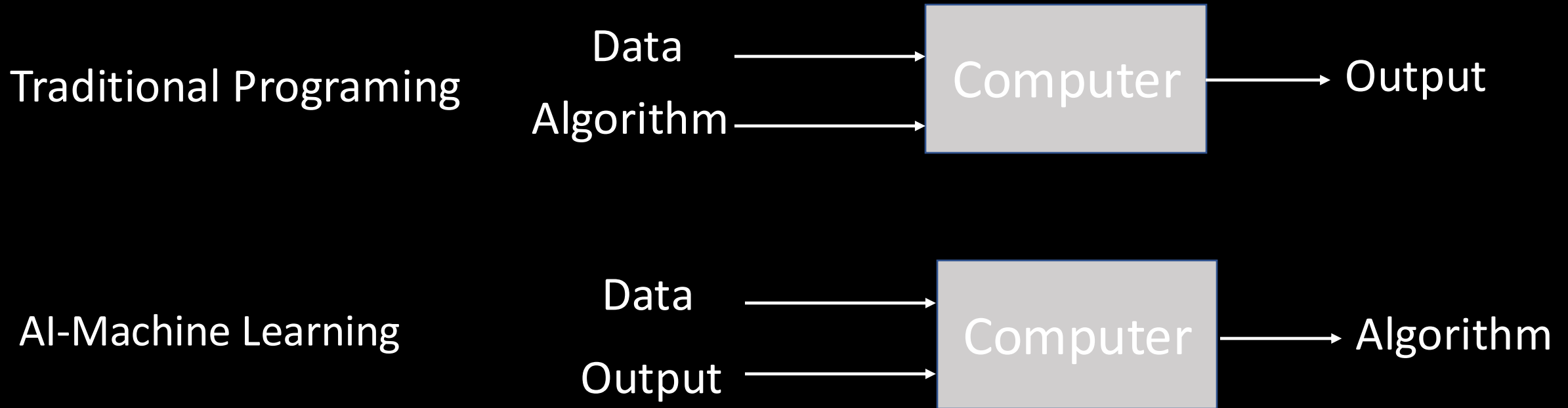
Opponents in games like Fortnite or Chess.com

Game design elements in Minecraft

Adaptive difficulty in games



Why Machine Learning?



AI provides systems the ability to **automatically** learn from **experience** (without being programmed)

Machine Learning:

Sample



Label



dog



cat



horse

Human Learning:

We learn through

Cat or Dogs



Long Ear Black nose

dog



Machine Learning:

Sample



Label



dog



cat



horse

Human Learning:

We learn through

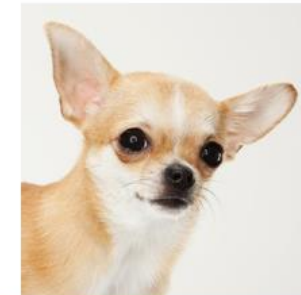


Examples

Long Ear Black nose



Diagrams



Comparisons

Agenda

Act 1

Act 2

Act 3

Act 2

Part 3:
AI in Our Lives
(5 mins)

AI benefits
(healthcare, safety,
entertainment)

AI challenges
(mistakes, learning
from bad data)

Classroom
interaction:
"Pros and Cons
Discussion"

Part 4:
Your Future with AI
(3 mins)

AI careers
(what kinds of jobs
you could have
working with AI)

The importance of
being tech-savvy in
the future

Conclusion
(2 minutes)

Recap of what AI is
and why it's
important

Encouragement to
learn more and stay
curious

Farewell and any final
questions

Generative AI

GPT-3

Prompt:

Write a tagline for an ice cream shop.

Response:

We serve up smiles with every scoop!

Codex

Prompt:

Table customers, columns =
[CustomerId, FirstName,
LastName, Company, Address,
City, State, Country,
PostalCode]

Create a SQL query for all
customers in Texas named Jane
query =

Response:

```
SELECT *  
FROM customers  
WHERE State = 'TX' AND  
FirstName = 'Jane'
```

DALL·E

Prompt: A white Siamese cat

Response:

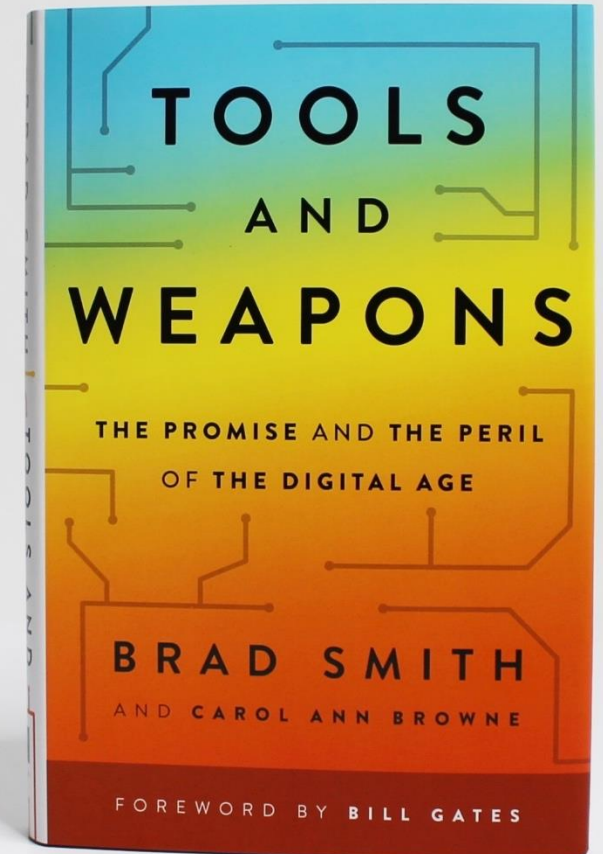


Why responsible AI?

“The more powerful the tool, the greater the benefit or damage it can cause...Technology innovation is not going to slow down. The work to manage it needs to speed up.”

Brad Smith

President and Chief Legal Officer, Microsoft



Exercise

Computers are good at...

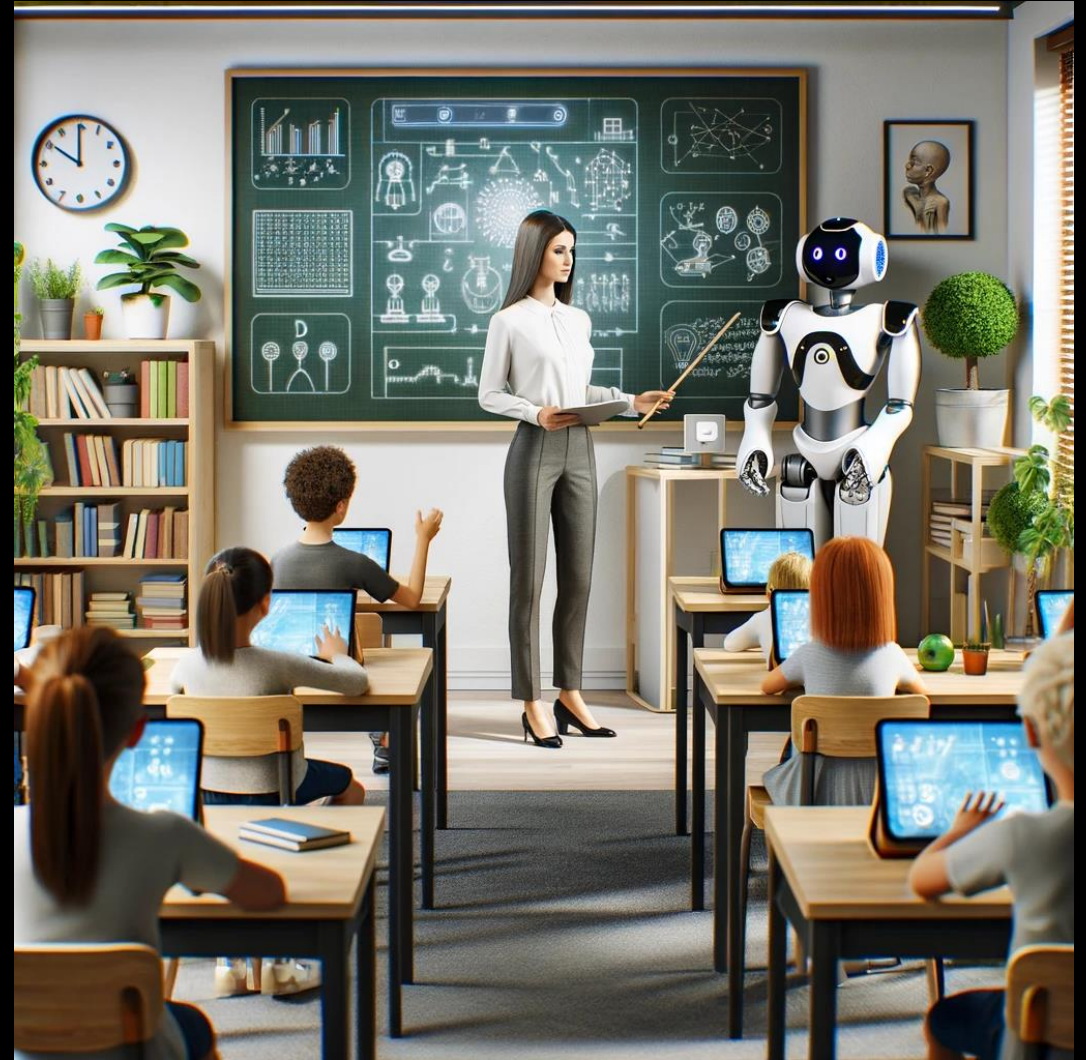
- 1.
- 2.
- 3.
- 4.
- 5.

Humans are good at...

- 1.
- 2.
- 3.
- 4.
- 5.

Embracing the Future of learning with AI

- The Symphony of Learning and Technology
- AI as an Educational Partner
- Navigating the Future of Learning



Agenda

Act 1

Act 2

Act 3

Demos

Q&A