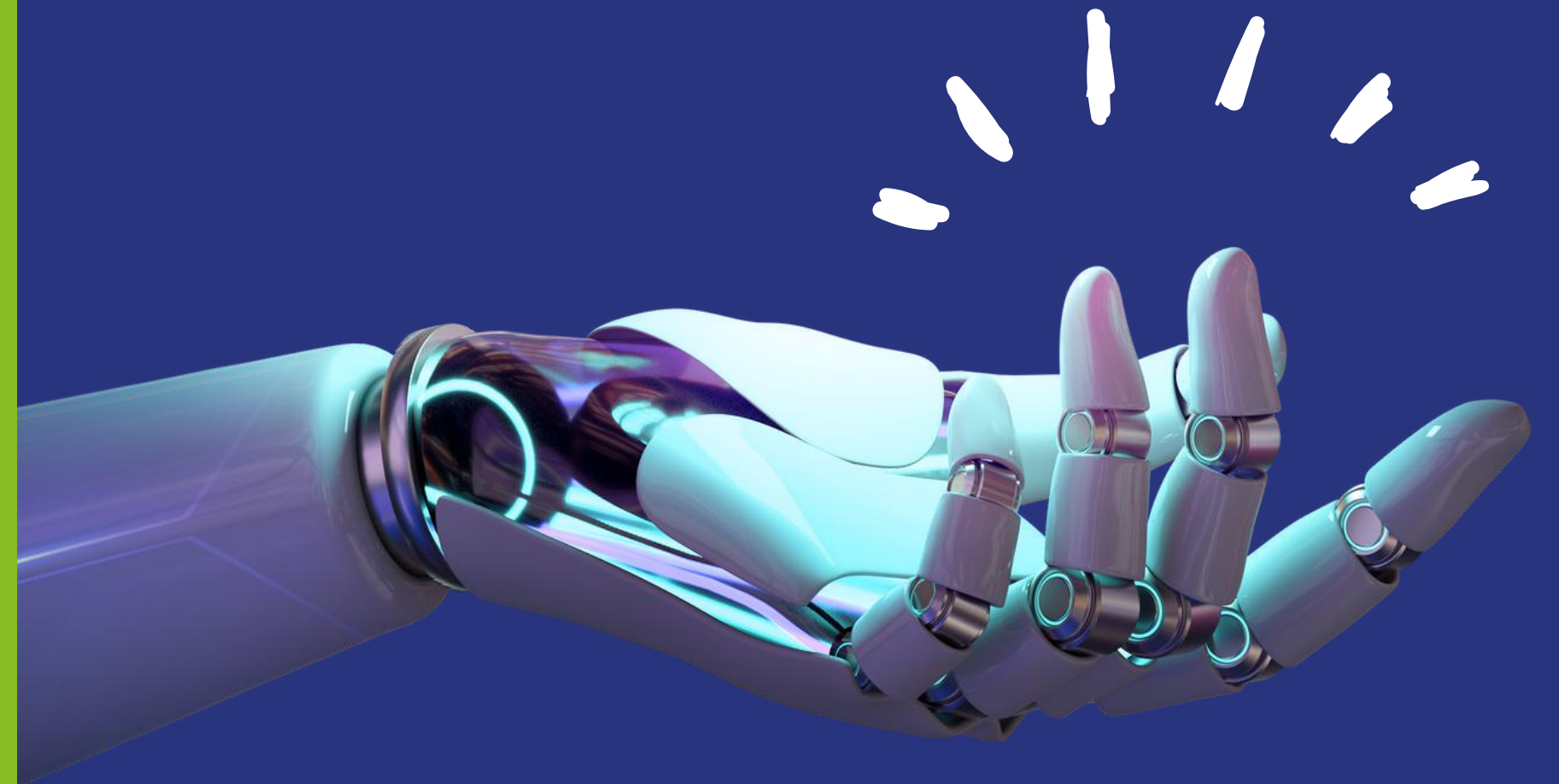


# Understanding the rise of AI's influence

You've heard about AI in the news. You've likely even used it yourself, and most certainly, thought about how it might affect you.

Let's explore what AI means for us humans and how it's going to impact different industries.

STUDENTS NEED ACCESS TO 'MAGIC WRITE' (OR ANOTHER AI WRITING PROGRAM) TO PARTICIPATE IN THE STUDENT ACTIVITIES.



# Welcome to your first lesson!



Featuring articles we spotlight key topics in the headlines. Instead of merely informing, our goal is to inspire you to delve deeply and engage critically with relevant subjects.

We hope you find the lessons enriching!

A group of diverse young people are gathered around, holding up their smartphones to take a selfie. The phones are in various colors like yellow, red, and blue. The people are smiling and looking at the camera. The background is a plain, light color.

# This kicks off our 4-lesson series on technology

In our first lesson, we dive into AI. But that's just the start. In our next lessons, we'll also be discussing virtual reality (VR) and augmented reality (AR), how social media works and its impact, and the latest digital devices that are changing the way we live.

# Lesson learning objectives

01

## DISTINGUISHING AI VS. HUMAN CONTENT

Spot differences in creation  
and presentation.

02

## UNDERSTAND AI'S POSITIVE IMPACTS

Grasp the benefits of AI  
in various sectors.

03

## RECOGNISE AI CHALLENGES

Understand potential risks of AI.  
Delve into ethical concerns  
surrounding AI.

04

## ANTICIPATE FUTURE AI APPLICATIONS

Reflect on how AI might  
be integrated into  
personal/professional areas.

# Navigating the lesson

Keep an eye out for these symbols throughout the lesson. They're your go-to guide, helping you pace yourself to learn, discuss, practice, and reflect on what you've discovered.



10 MINUTES

An estimate of how long the activity or challenge may take.

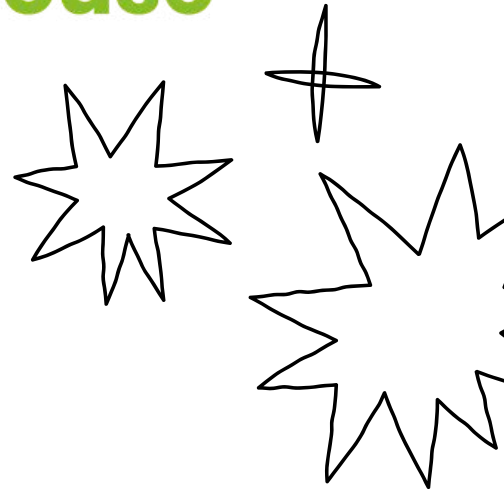
CLASS  
DISCUSSION

Time to pause and have a discussion with the class.



CRITICAL  
THINKING  
CHALLENGE

Exercise your critical thinking to evaluate an issue or topic.



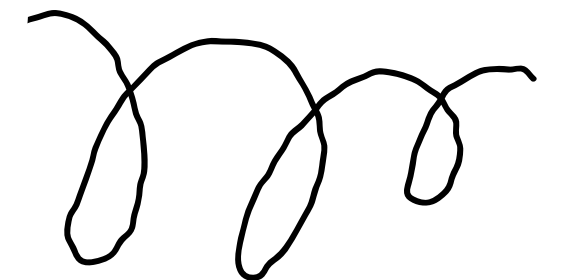
Can you tell the  
difference between  
**AI** and **human-**  
**generated content?**



# AI is everywhere you look

AI tools, specifically the ones that assist people in writing, have seen a significant development in recent years. These AI-powered tools have demonstrated remarkable progress in generating human-like text and supporting various writing tasks.

**It's fast becoming an essential tool for many professionals. In fact, this very paragraph was checked for grammatical errors by AI.**





Read the two quotes. One is written by a journalist, and one is written by AI - can you tell which is written by AI? What made you come to this conclusion?

MOVE TO REVEAL  
THE ANSWER

A

*"AI is reshaping how stories are discovered, crafted, and disseminated. As AI becomes an indispensable tool, it challenges journalists to adapt, while opening new possibilities."*

B

*"It is well established that the best education is delivered one-to-one by an experienced educator. But that is expensive and labor-intensive, and cannot be applied at the scale required to educate large populations."*





Here are two more examples.  
Can you tell which one is written by AI?

**MOVE TO REVEAL  
THE ANSWER**

**A**

*"A.I. could be one of the most beneficial inventions to the human race, but it could also be one of the most societally cataclysmic. By instituting an A.I. pause, we'll have the opportunity to improve upon and understand A.I. technology..."*

**B**

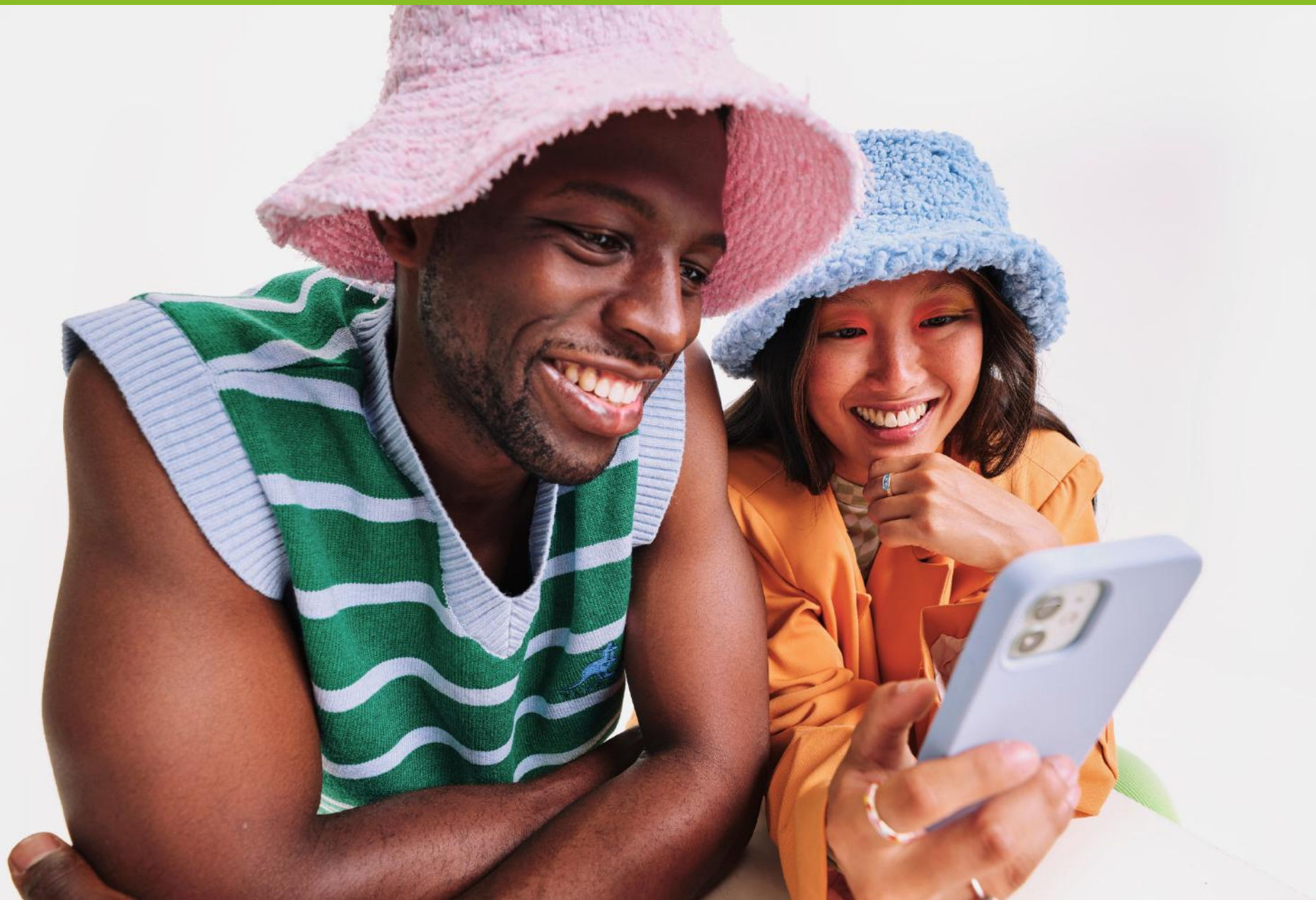
*"AI has been really useful in many ways. But as we make it more advanced, we need to think about its impact. It's important to use AI in a way that's both safe and beneficial for everyone"*

# Differences are subtle, but they are there

Distinguishing between a **human-written article** and one generated by AI is challenging, but there are some key indicators to **look out for**.

- 01 TONE CONSISTENCY:**  
Humans maintain a consistent tone, while AI may have fluctuations.
  - 02 EMOTIONAL NUANCES:**  
Human articles convey emotions and opinions, which are challenging for AI to replicate genuinely.
  - 03 REPETITIVENESS:**  
AI can generate repetitive phrases, while humans aim for diversity and engagement.
  - 04 ORIGINALITY:**  
Humans bring unique perspectives, while AI relies on learned patterns.
- 
- A decorative graphic in the bottom right corner consisting of several overlapping, white, hand-drawn style loops and scribbles on a dark blue background.

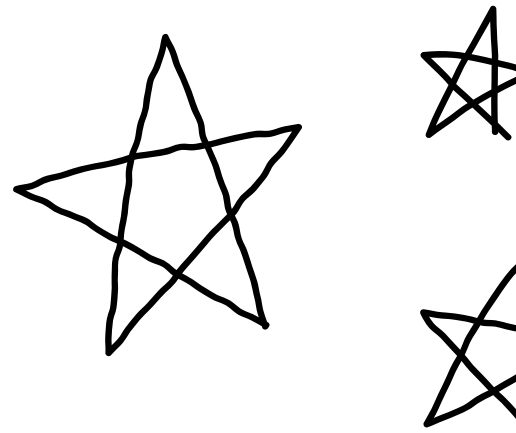
# Did you KNOW?



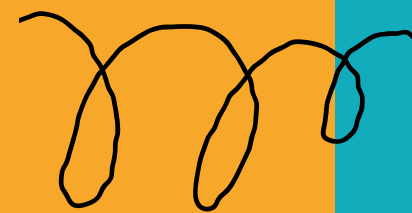
The first chatbot was created way back in the 1960s. Named ELIZA, it was developed by MIT professor Joseph Weizenbaum and could simulate a conversation with a psychotherapist.

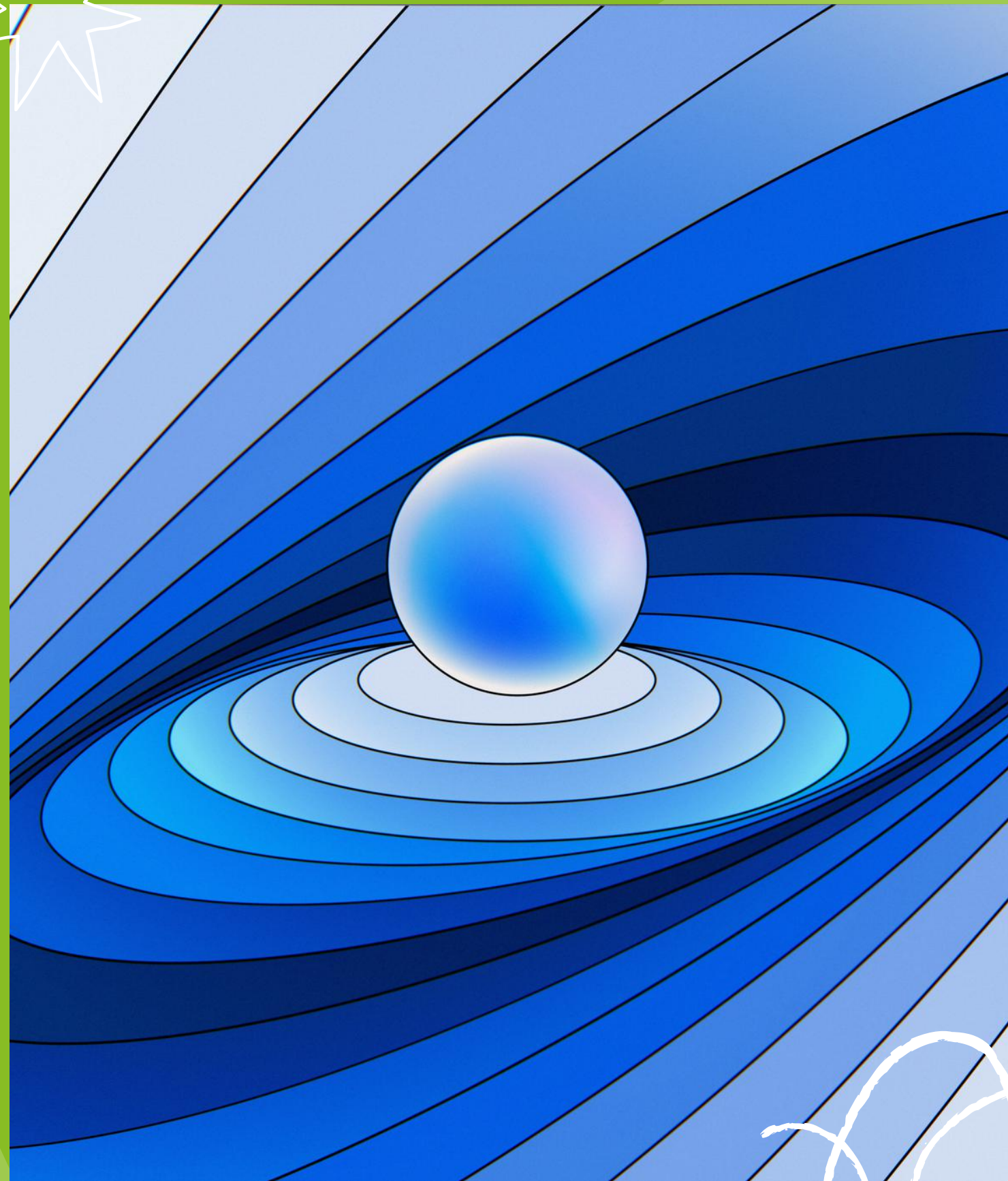
Many users were convinced they were talking to a human, even though ELIZA's understanding of language was very basic.

# Can you use AI to make a classmate think it's you?



Unleash your creativity with a short opinion piece, and then put an AI model to the test! Can artificial intelligence truly rival your unique flair and tone of voice?



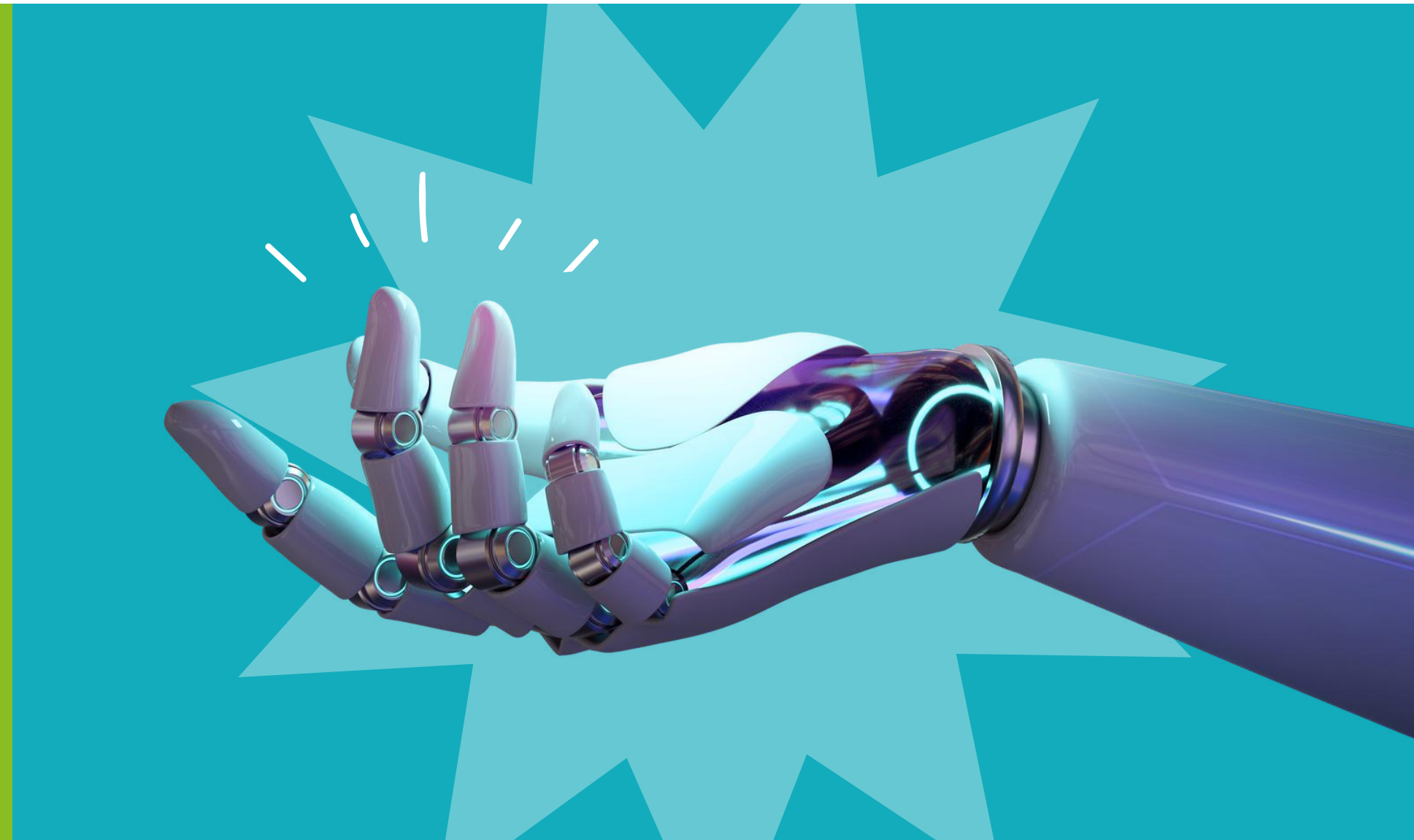


# Oh, the possibilities!

AI gives us lots of cool things to do.  
It's like a fun place where new ideas  
are born.

# Where is all this headed?

It's a question many of us are asking about **the future** of AI. The technology is completely changing areas like healthcare, manufacturing, banking and retail. Even artists and creatives are using AI in new ways. But as AI grows, there are **important questions** we need to think about.



# Hit “pause” on the programming?

With AI growing at such a rapid pace, should we perhaps hit “pause” to better understand its impact? From the way we consume news to how we interact with each other, AI is revolutionizing everything, but are we fully aware of the consequences? As future thinkers, scholars, journalists, or even just citizens, it's a question worth thinking about.

STUDENT EDITORIAL CONTEST WINNER

## *The Case for an A.I. Pause*

We are honoring the Top 11 winners of our Student Editorial Contest by publishing their essays. This one is by Gabriel Huang, age 17.

Share full article



This illustration originally appeared in the Times article “What Exactly Are the Dangers Posed by A.I.?” Pablo Delcan

CLICK HERE FOR THE ARTICLE



CLASS  
DISCUSSION

# What's your take on the new tech?

Heard of **ChatGPT**? Is it changing the classroom or just a helpful tool? Check out what other students think about this tech, then share your own thoughts.

CURRENT EVENTS CONVERSATION

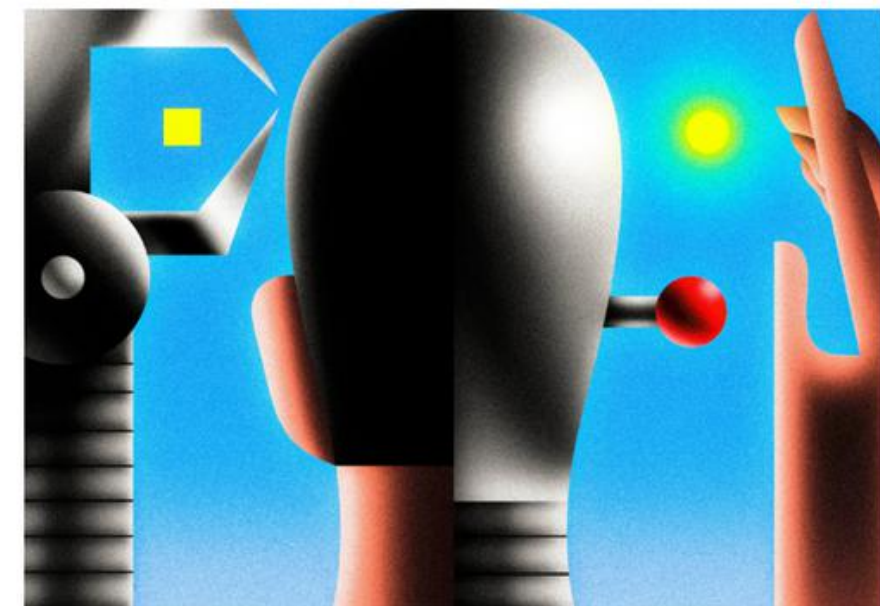
## What Students Are Saying About ChatGPT

Is this new chatbot the end of education as we know it? Or a useful new tool for learning? Teenagers weigh in.

Share full article



53



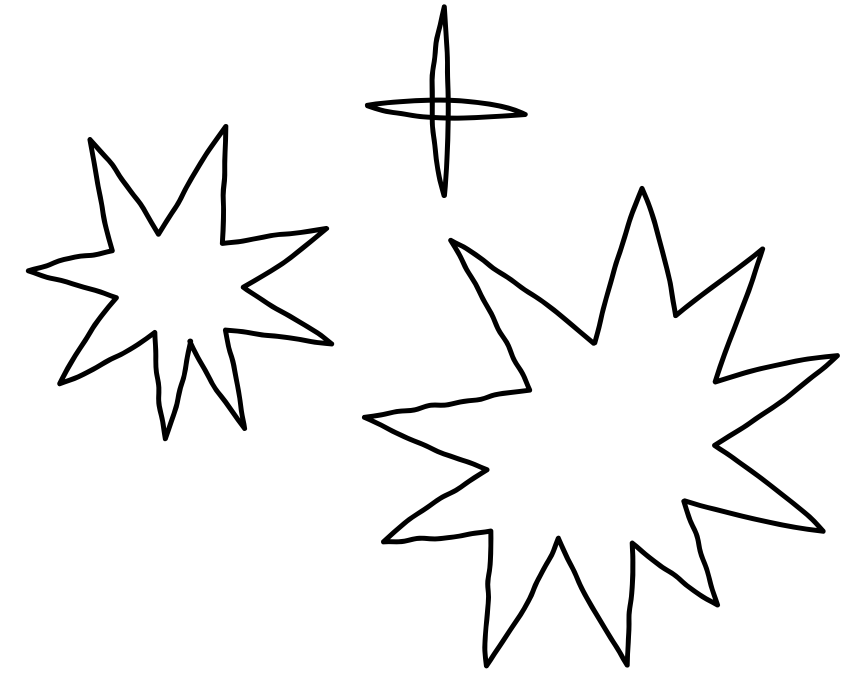
Brian X. Chen writes that we can use artificial intelligence ethically. We asked students how they are using it. [Related Article](#) Derek Abella

[CLICK HERE FOR THE ARTICLE](#)

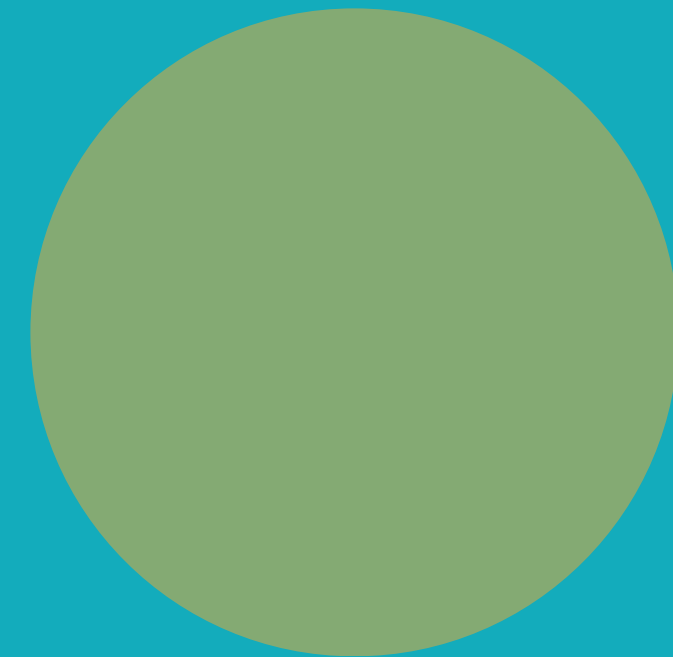




Will you **embrace** AI  
in the future?



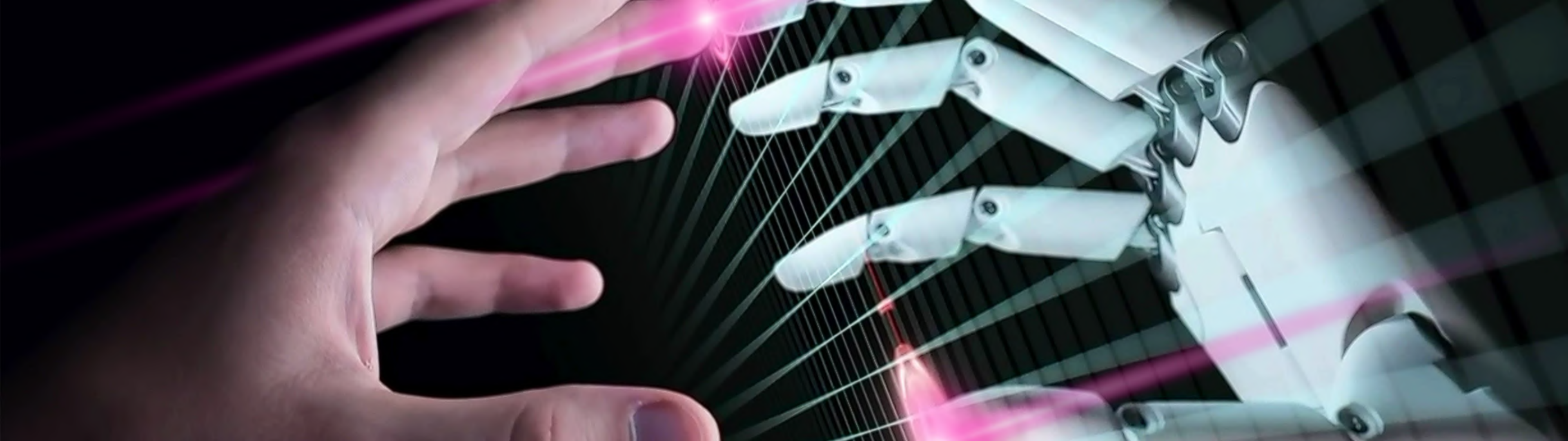
Use the doc in the menu to write a short  
**opinion piece of your own.** While it's  
tempting, do not use AI for this activity!





In the world of journalism, AI can process a lot of data in the blink of an eye, find connections, and assist journalists in uncovering hidden truths.

So, **how** can  
journalists and  
readers alike  
expect to benefit?



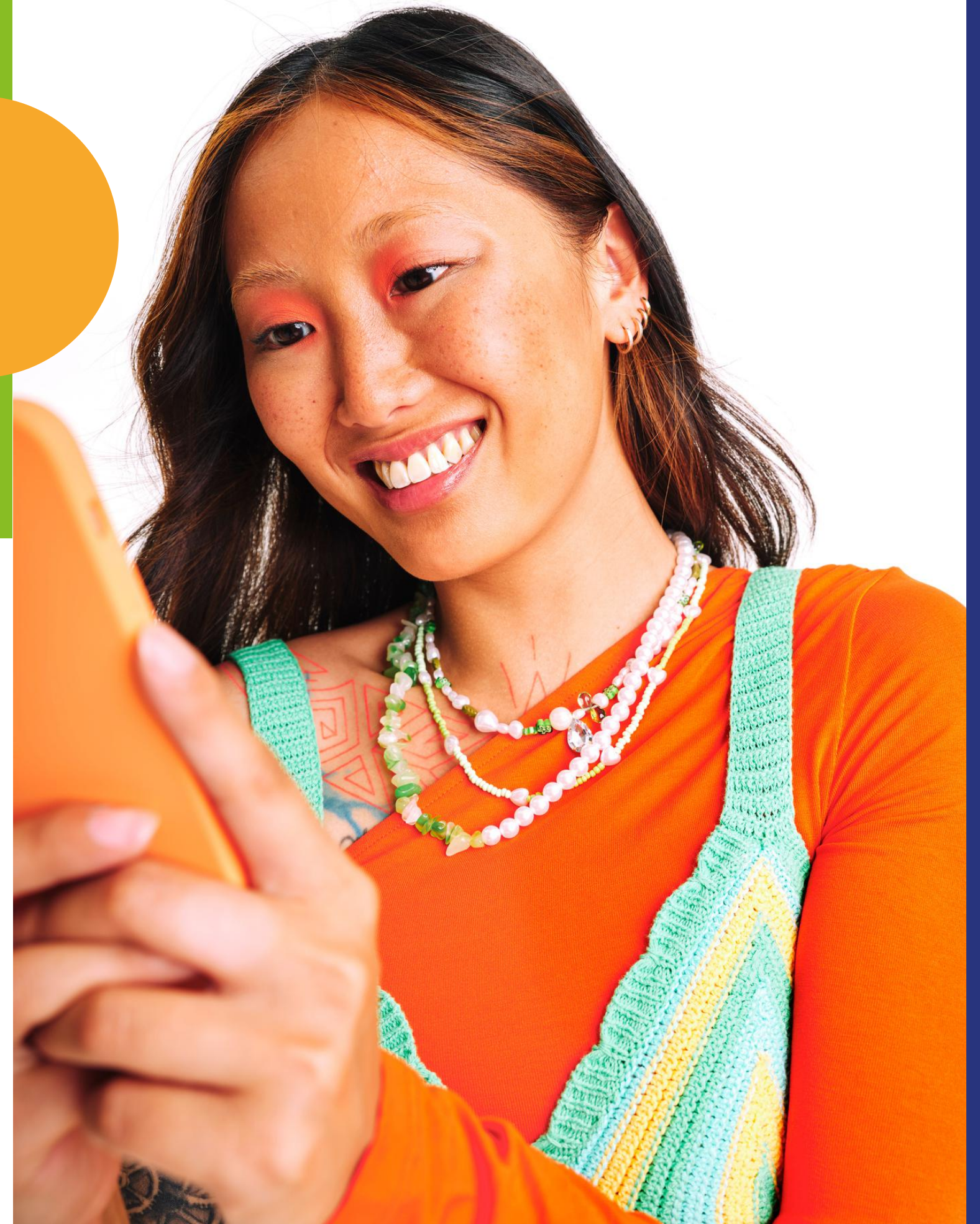
# Rapid reporting



Some AI programs can create content for regular reports, like financial overviews or sports summaries, by using data. This makes writing these reports **much faster**.

# Personalizing the press

AI's ability to offer personalized news feeds is transforming the way people consume information, by delivering content tailored to individual readers based on their interests, behaviors, and past interactions. This personalisation is achieved through complex algorithms that analyse user data such as browsing history, click patterns, social media interactions, and even location.



# All good news?

While AI offers groundbreaking advancements, it's not without potential **drawbacks**. From ethical dilemmas to algorithmic biases and loss of human insight, the integration of **AI into journalism** presents **new challenges**.

## 01 LOSS OF HUMAN INSIGHT:

AI lacks the understanding and empathy that human journalists bring to their work. It might not capture cultural subtleties or historical contexts in the same way a human can.

## 02 POTENTIAL BIAS:

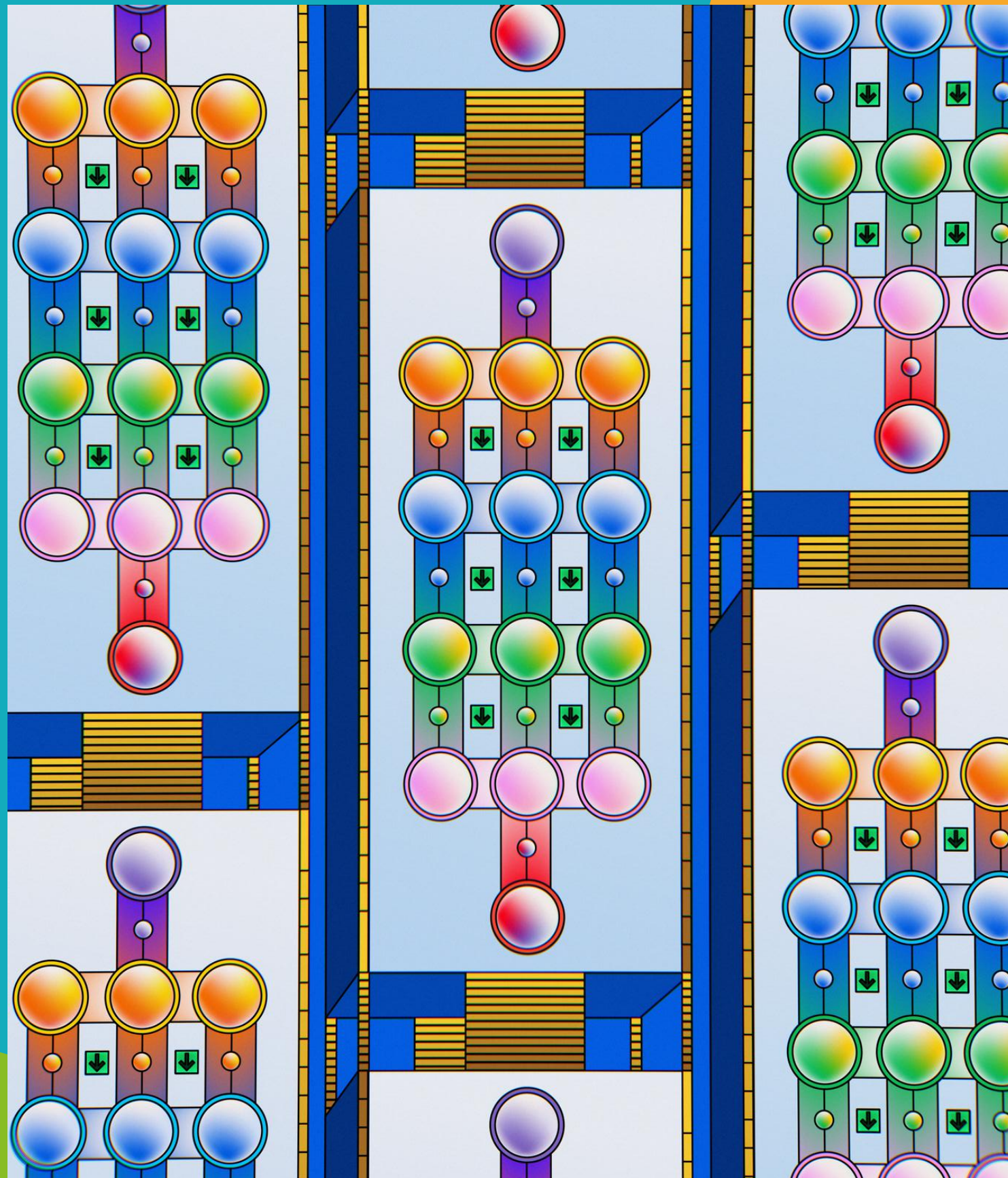
AI models are trained on data that may contain biases. If these biases aren't identified and corrected, the algorithms might perpetuate or even exacerbate those biases.

## 03 MISINFORMATION AND DEEPPAKES:

AI can be used to create highly convincing deepfakes, or altered videos, that make it appear as though individuals are saying or doing things they never did.

## 04 A FILTERED WORLD:

AI can show people more of what they already believe, making them think everyone thinks the same way.

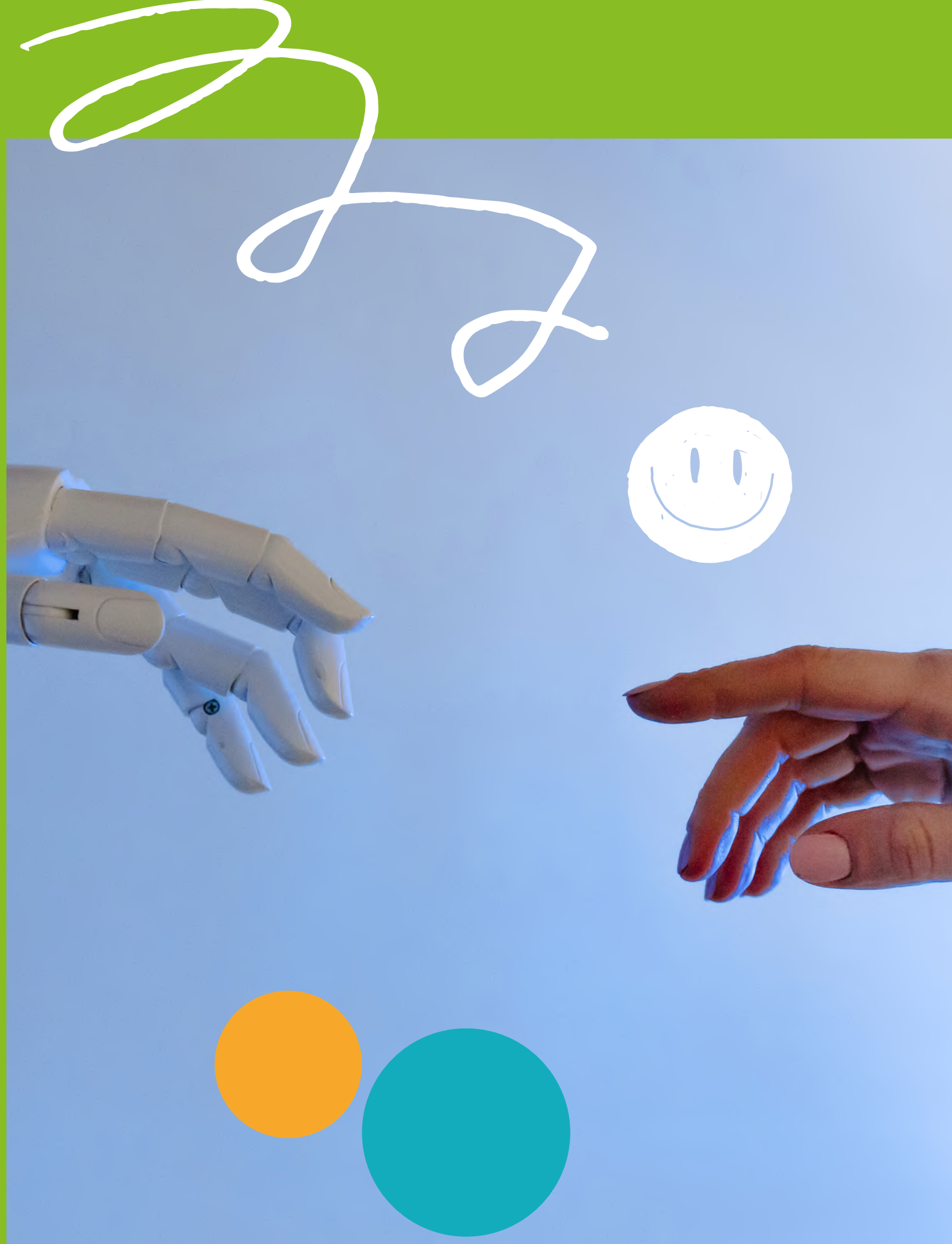


# What's the source?

AI relies on a lot of data – millions (sometimes billions) of data sources. These sources usually come from things people write online. But there's a catch: People might not know their actions are being used this way. This leads to a big question: Is it OK that the people creating the data don't get much say in how it's used for AI? This is an important concern about fairness and privacy that we need to think about as AI keeps growing.

What should schools  
and colleges do to get  
students ready for a  
future where they will  
be surrounded by a  
world full of AI?





# A word to the wise...

As you progress with your studies, you'll find AI tools waving at you, offering a helping hand. And who wouldn't want a bit of help, right?

BUT, while AI can be an amazing partner for learning, it's not a substitute for your hard work. Think of it like a study buddy, not a cheat sheet.



CLASS  
DISCUSSION

# AI in education: Where's the line?

01

## SIMPLE AI TOOLS:

Where do grammar and spell checks fit?

*Example: Using Grammarly or MS Word spell check. Is getting help on structuring content or essay improvements a breach?*



02

## RESEARCH & DATA ANALYSIS:

Is leveraging AI for complex calculations and data patterns acceptable?

*Example: AI-assisted data tools for a statistics project.*



03

## FULL PROJECTS:

Where do we stand on AI-generated projects or essays?

*Example: Submitting an essay written entirely by GPT-4.*



Your professors and teachers have their eyes wide open, and they have access to software that can tell if you're using AI in ways you shouldn't. But more than that, cutting corners with AI might rob you of the chance to truly **learn and grow**.

ell

If you embrace AI, remember, it's **your effort** that will help you acquire the skills you'll need in your studies.



# We hope you enjoyed the lesson!

In our upcoming lesson on technology, we'll delve into **augmented reality (AR)** and **virtual reality (VR)**.

We'll explore whether these innovations are mere passing trends or genuinely transformative technologies with the potential to address **big challenges**.

See you next time!