



# AI AT YOUR FINGERTIPS

BASED ON MATERIALS FROM AI4ALL, AND AFFECTING MACHINES ADAPTED BY SARA JAMEEL FOR GIRLSET CONCORDIA

# CAN YOU TRUST AI?

A Crash Course on Responsible AI



Girlset x Concordia University

# CLOSE YOUR EYES AND IMAGINE WHO WORKS ON AI



Girlset x Concordia University

# CLOSE YOUR EYES AND IMAGINE WHO WORKS ON AI

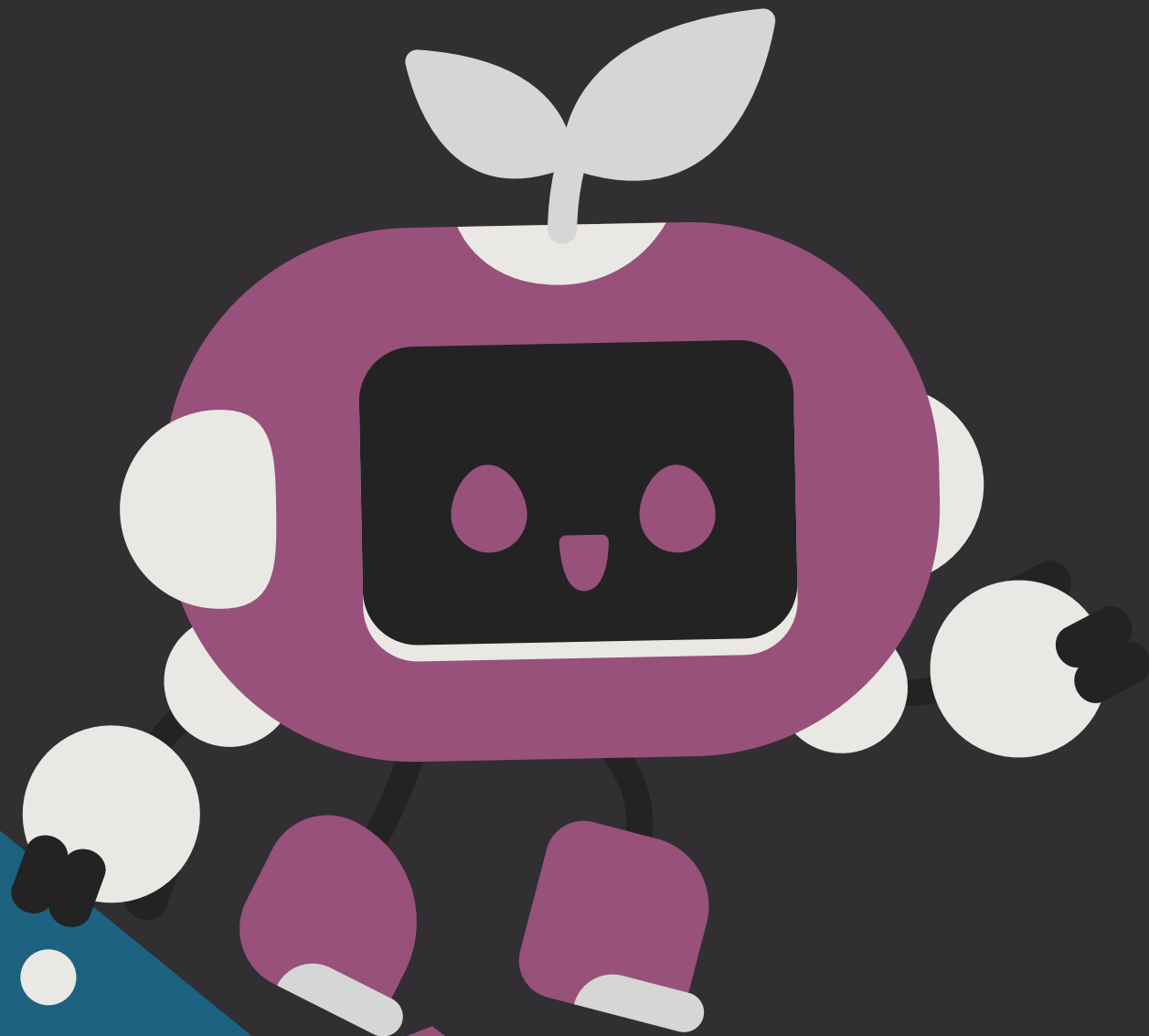


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# CLOSE YOUR EYES AND IMAGINE WHO WORKS ON AI

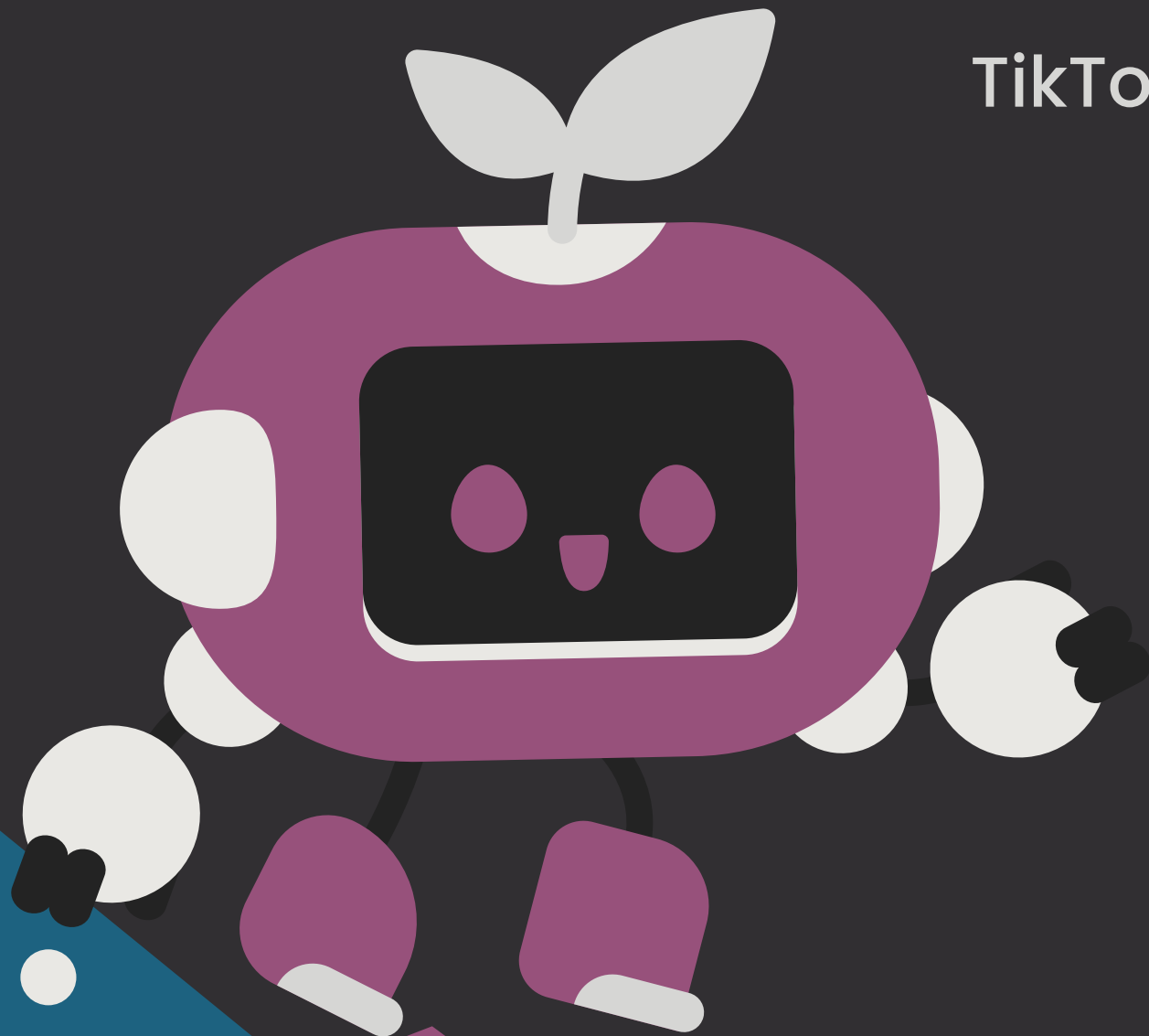


# WHERE HAVE YOU SEEN AI TODAY?



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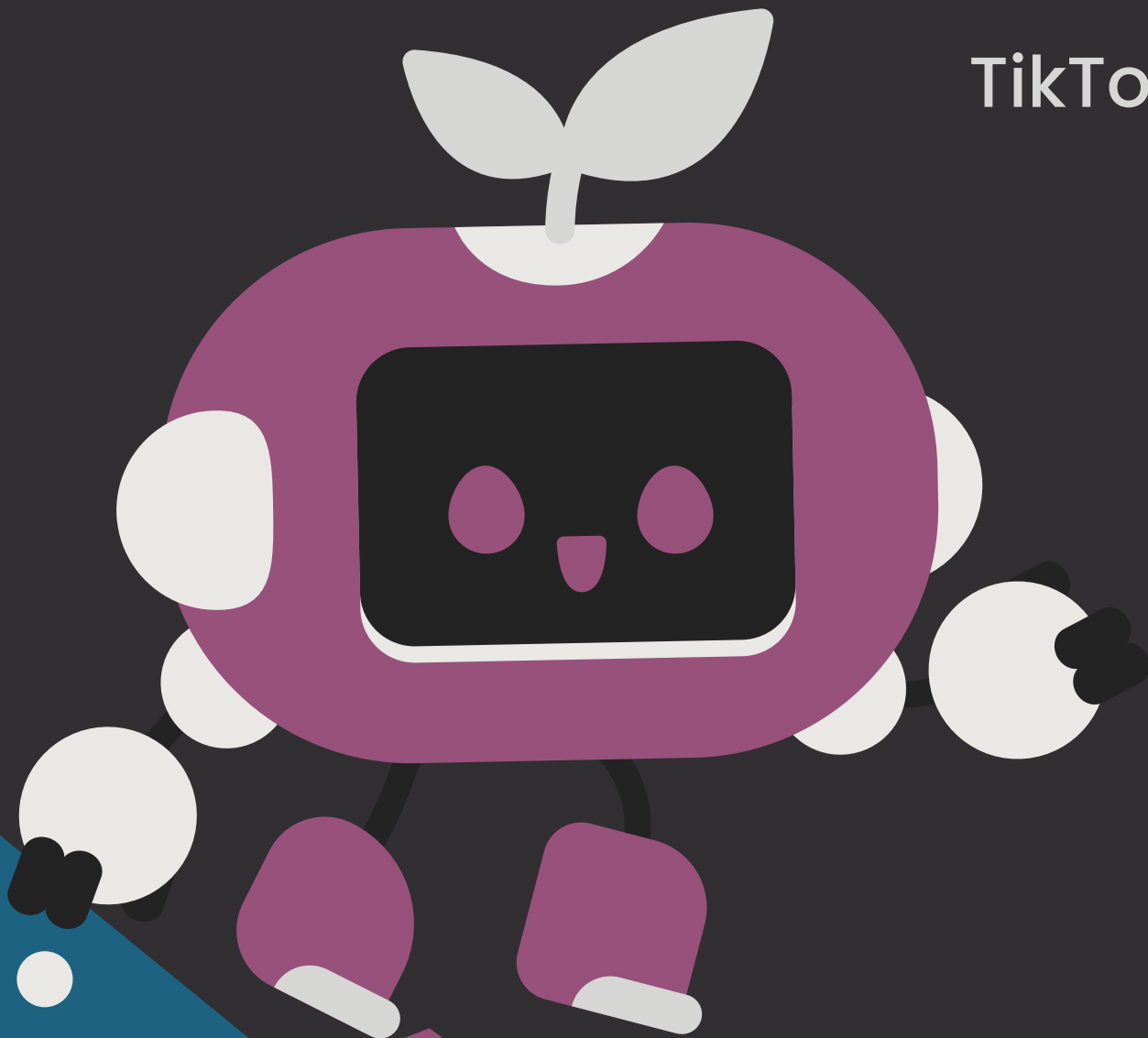
TikTok



# WHERE HAVE YOU SEEN AI TODAY?

TikTok

Instagram Filters



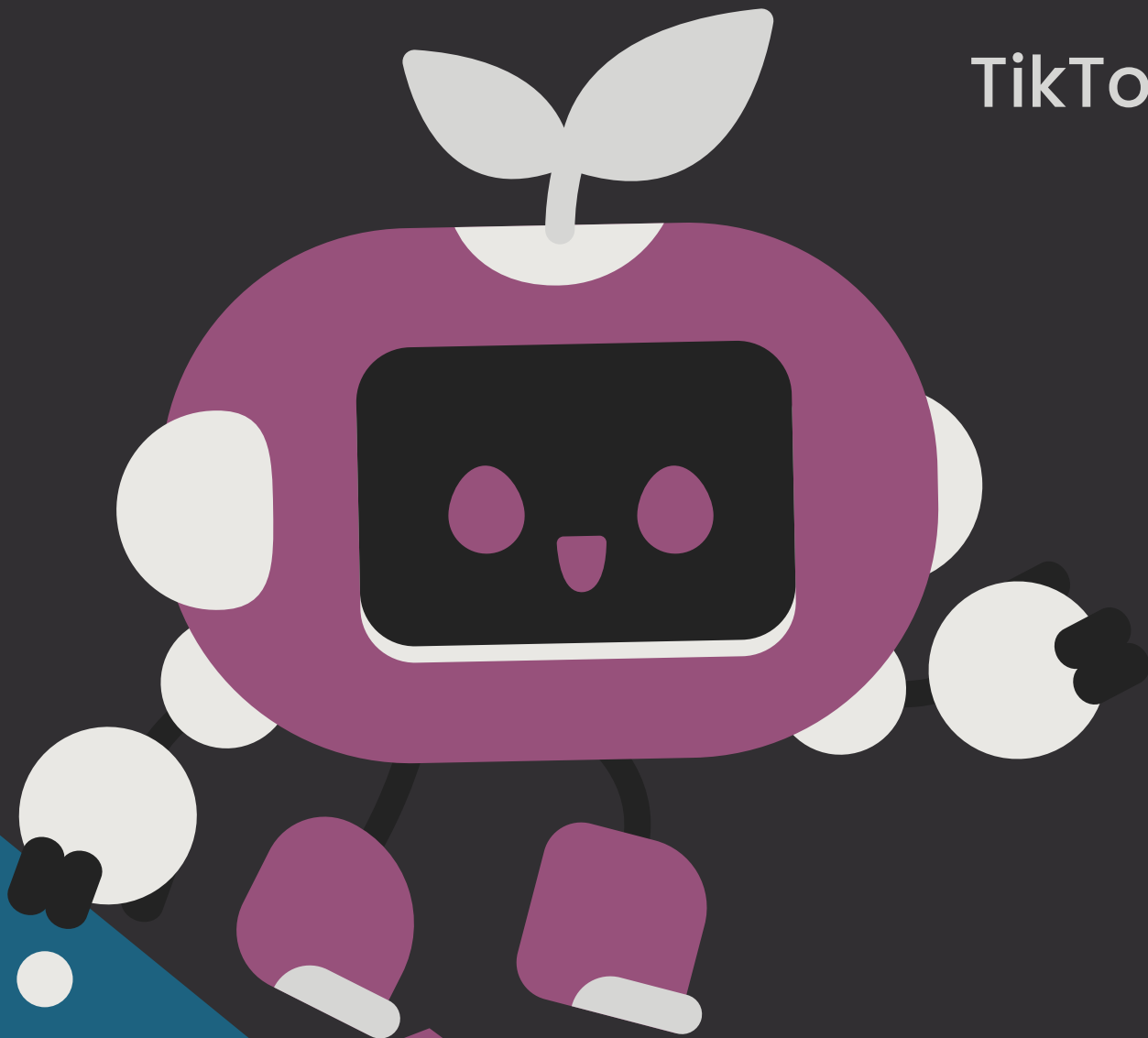


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TikTok

Spotify Reccomendations

Instagram Filters



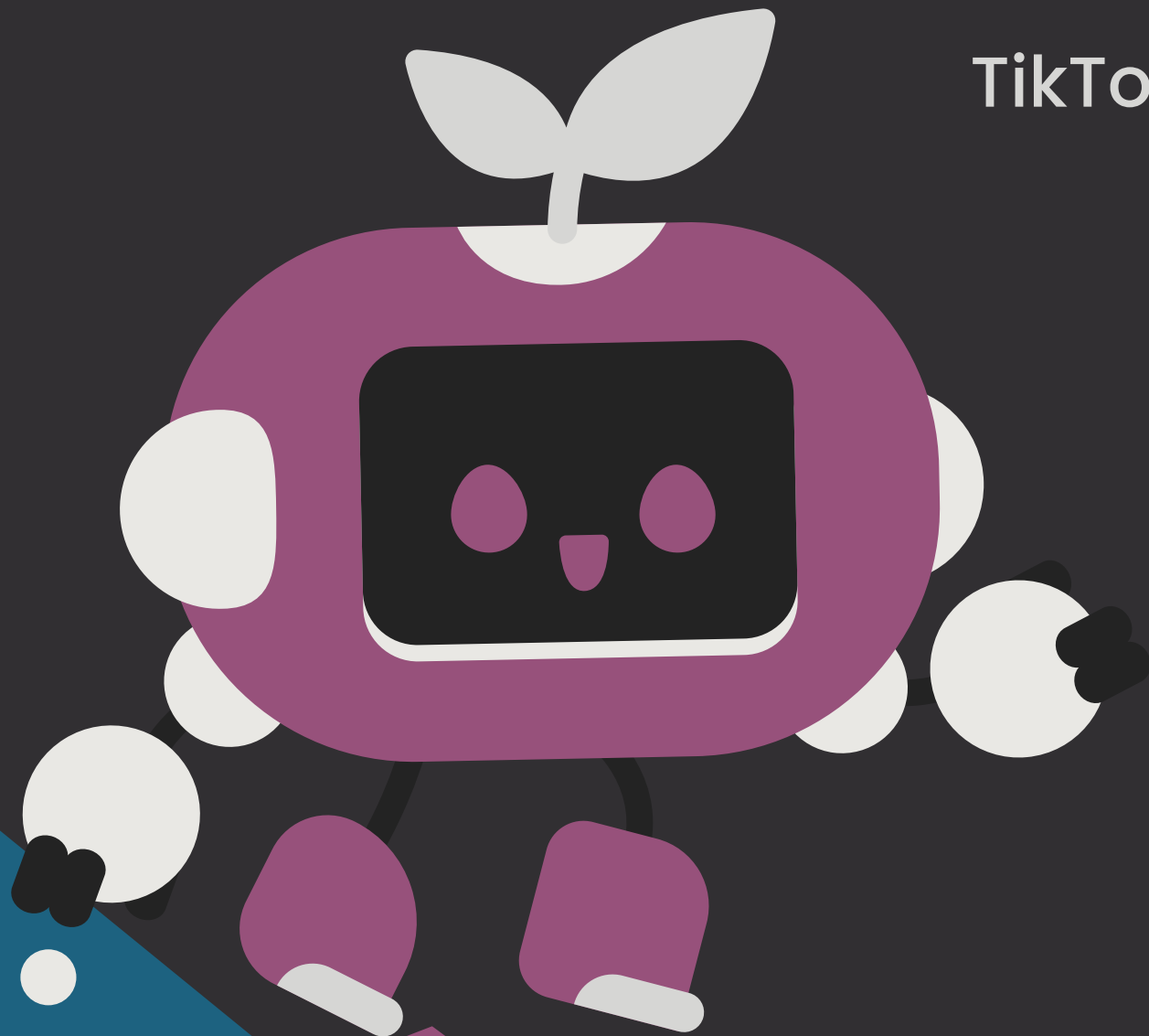
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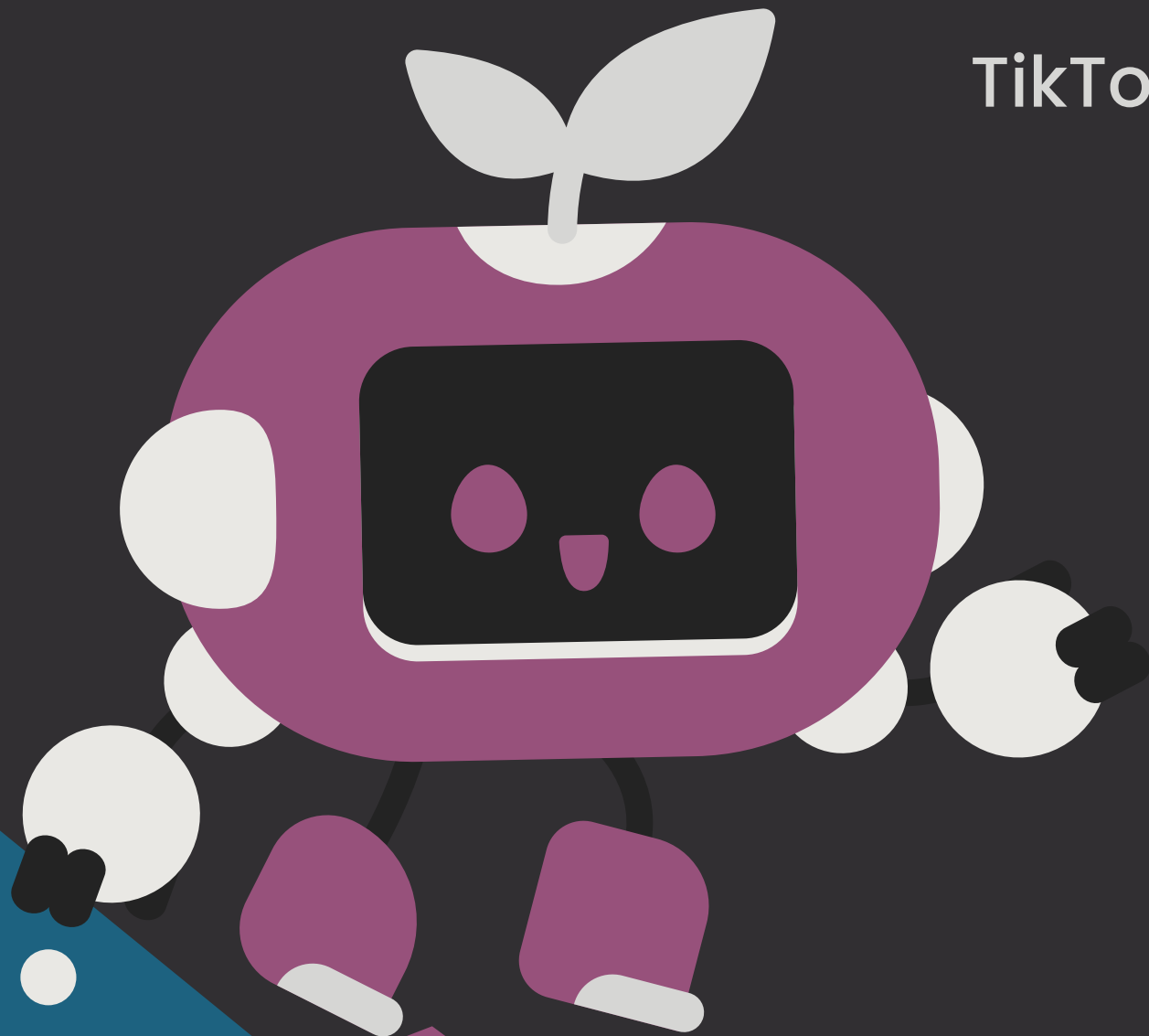
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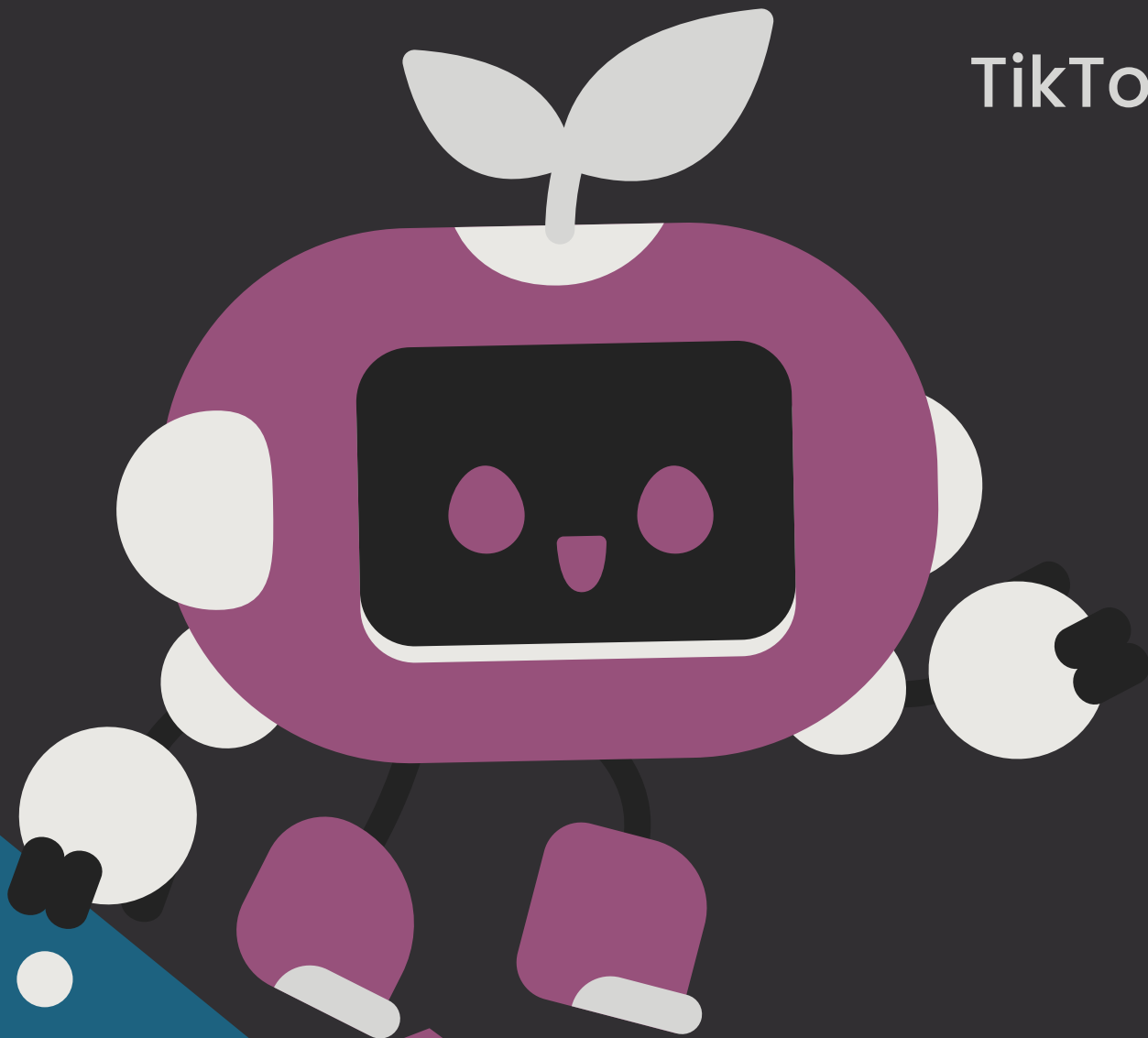
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ChatGPT

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Netflix

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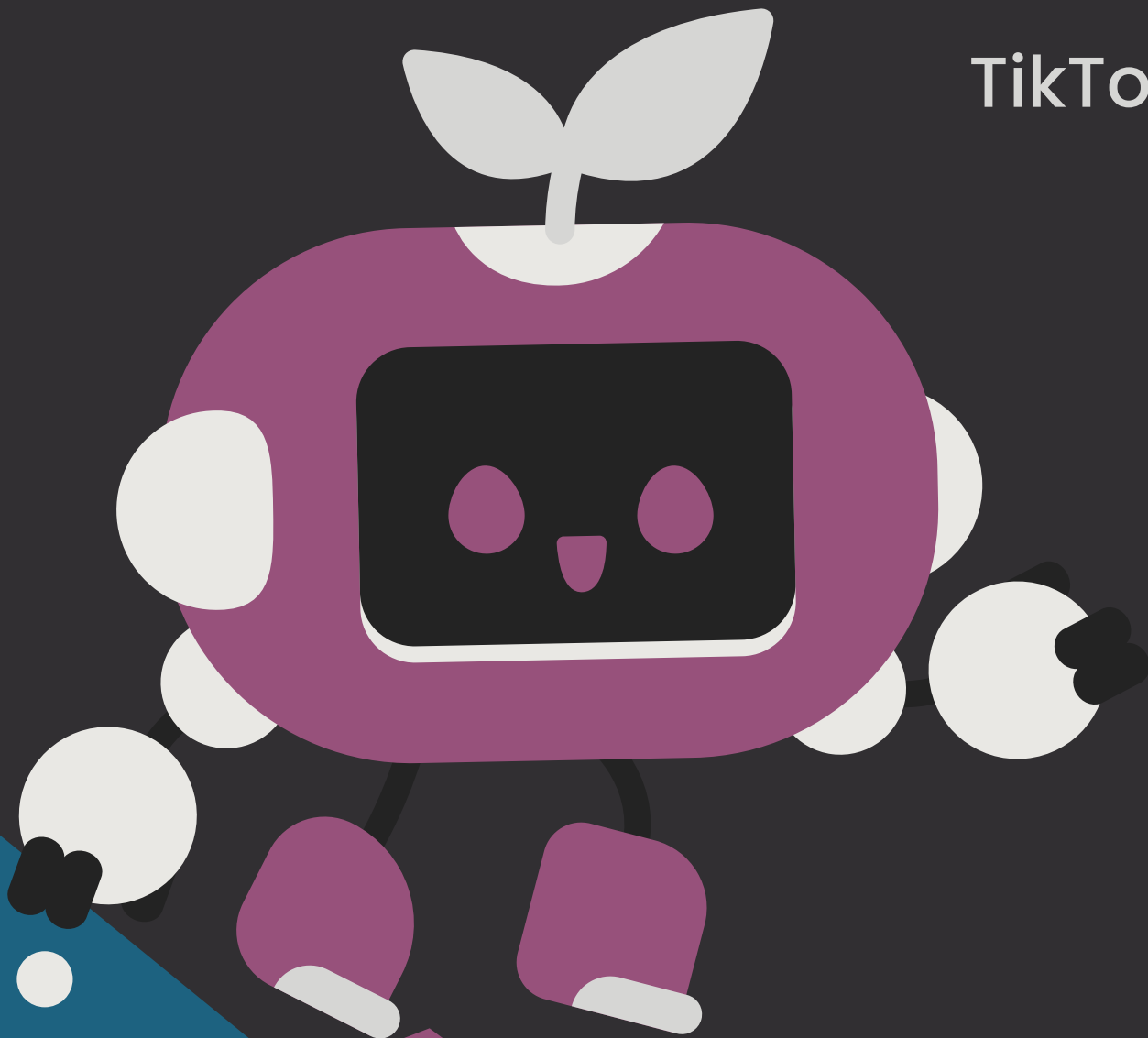
Email Spam filter

ChatGPT

Google Maps

Netflix

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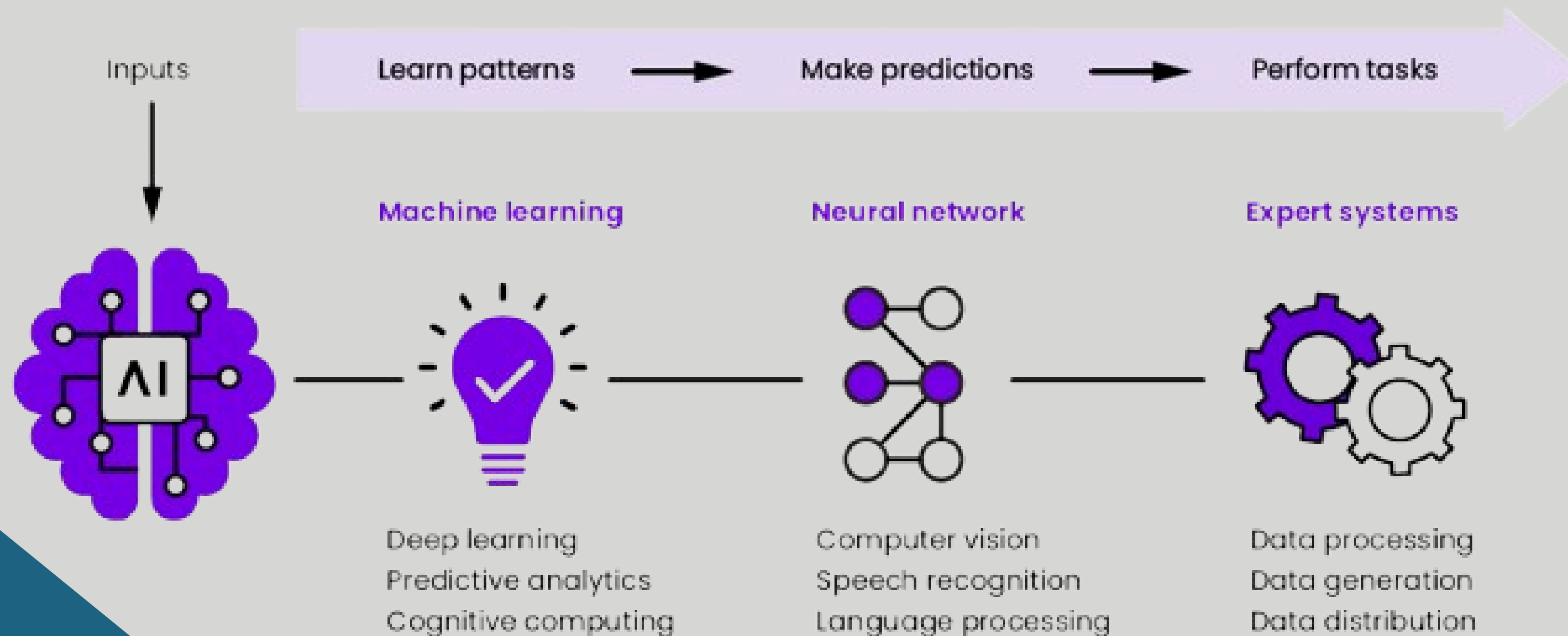
# HOW DOES AI LEARN?



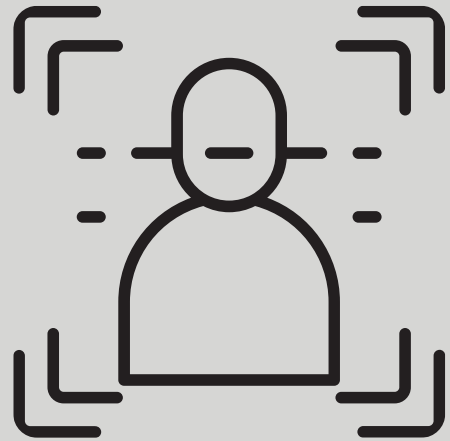
# HOW DOES AI LEARN?



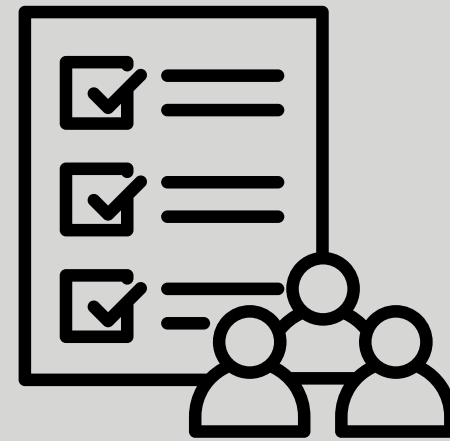
## HOW AI WORKS



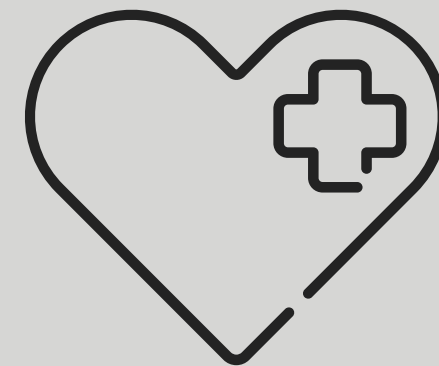
# REAL-WORLD CASES



Facial  
Recognition



Hiring  
Algorithms

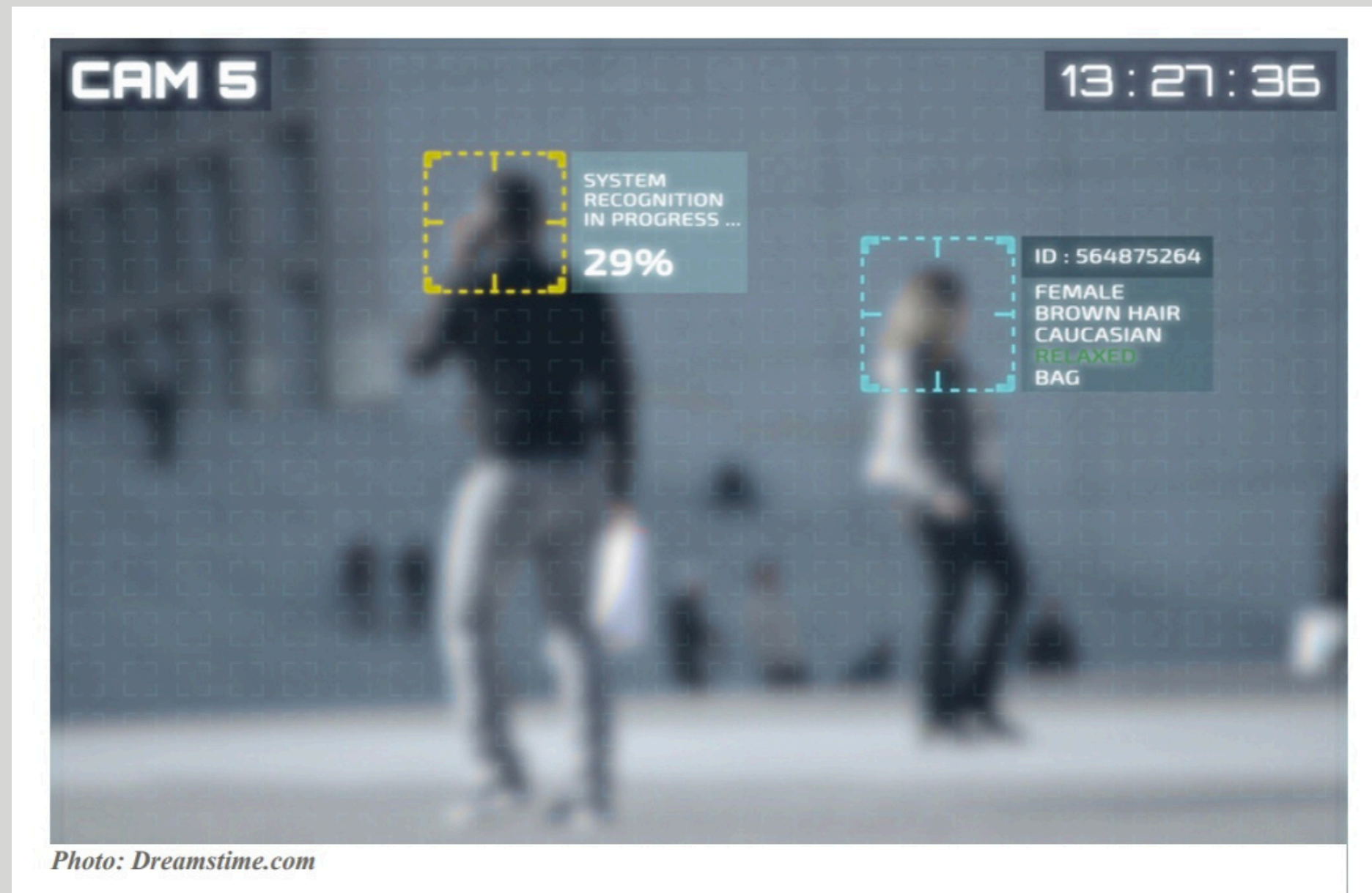


Health  
care bias



# REAL-WORLD CASES

## Facial Recognition



# REAL-WORLD CASES

## Hiring Algorithms

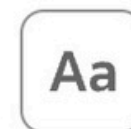


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### Insight - Amazon scraps secret AI recruiting tool that showed bias against women

By Jeffrey Dastin

October 10, 2018 8:50 PM EDT · Updated October 9, 2018



# REAL-WORLD CASES

## Healthcare Bias

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### Bias in Medical and Public Health Tools

In 2019, a bombshell study found that a clinical algorithm many hospitals were using to decide which patients need care was showing racial bias — Black patients had to be deemed much sicker than white patients to be recommended for the same care.

This happened because the algorithm had been trained on past data on health care spending, which reflects a history in which Black patients had less to spend on their health care compared to white patients, due to longstanding wealth and income disparities. While this algorithm's bias was eventually detected and corrected, the incident raises the question of how many more clinical and medical tools may be similarly discriminatory.

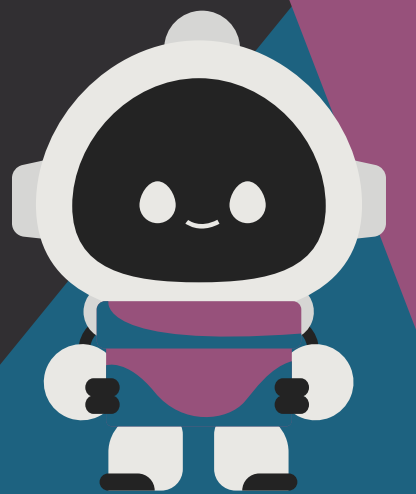
# AFFECTING MACHINES ACTIVITY

Meet the people who are behind  
the algorithms



**1. IF I BUILT AI I  
WOULD MAKE  
IT...**

**2. ONE THING I AM  
TAKING AWAY  
FROM TODAY....**







THANK  
YOU

