

# Let's Build the AI Puzzle

Generative AI for Absolute Beginners

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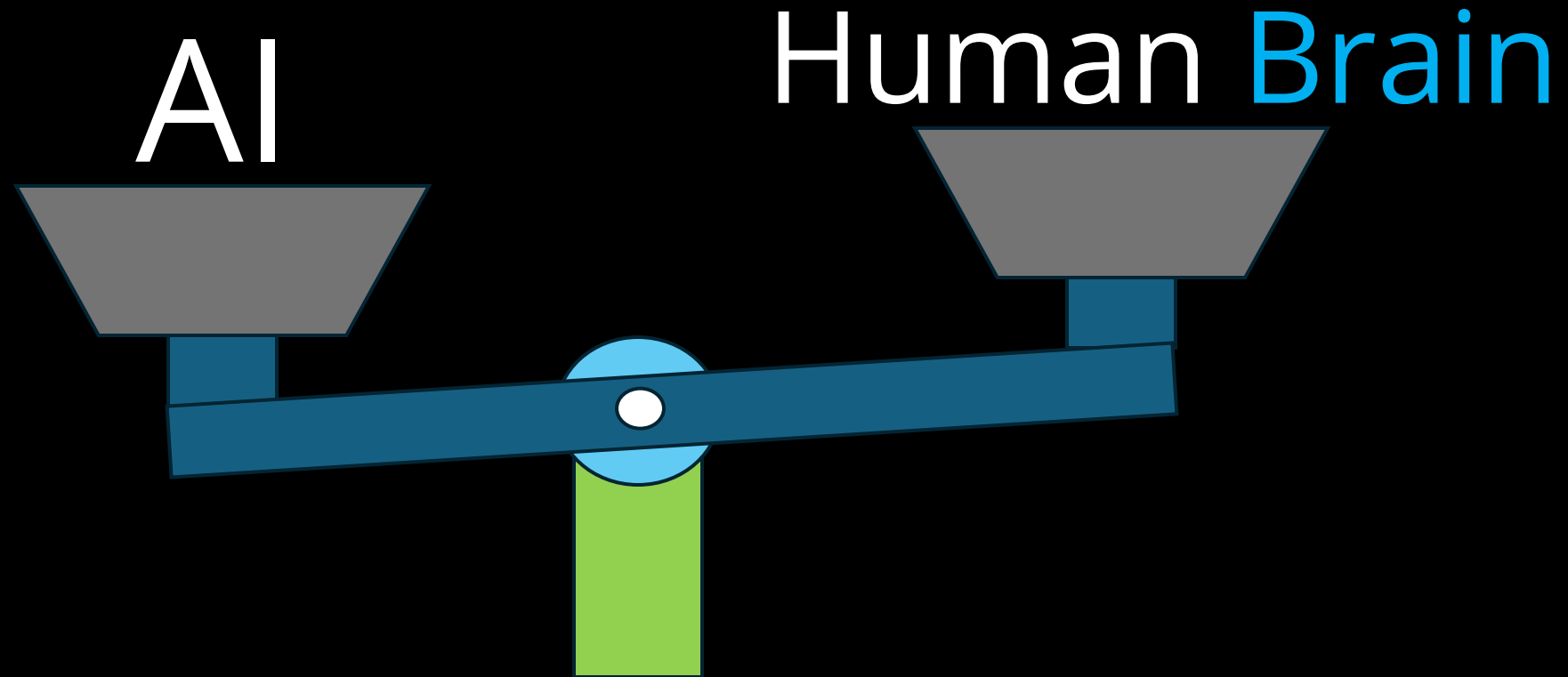
# What is Artificial Intelligence (AI)?

## General-purpose Technology

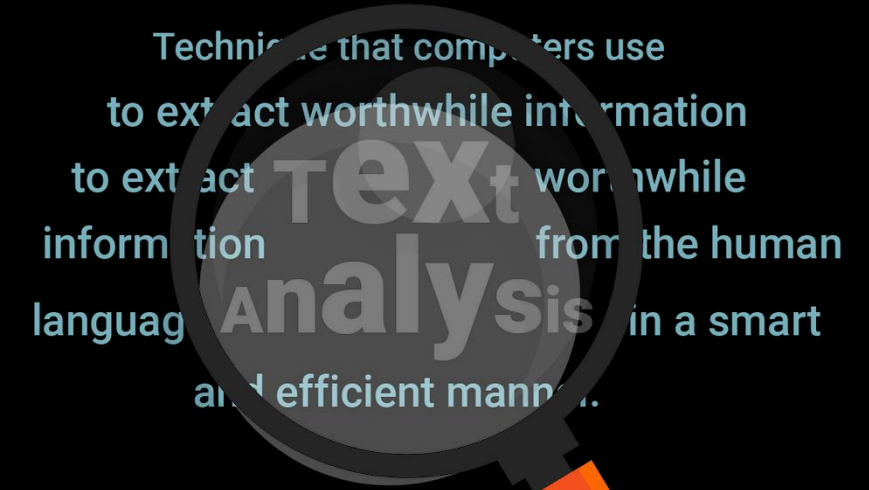
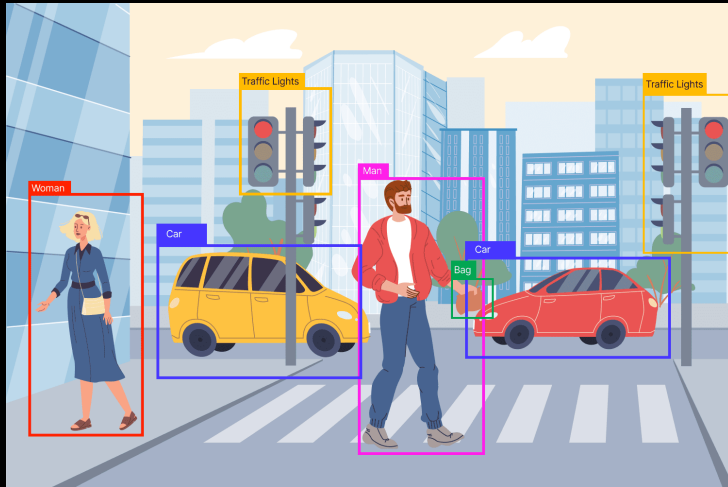


The most  
sophisticated machine on the planet?

YOU!



# Human Brain



# Artificial Intelligence (AI)

The practice of getting **machines** to **mimic human intelligence** to perform different tasks.

AI is the human desire to create a **digital** brain.

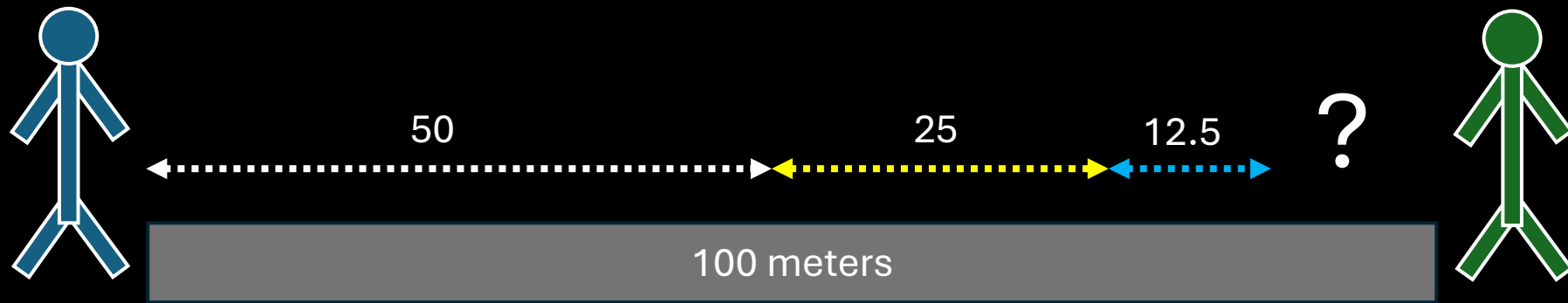


Are we **there** yet?

Are we **making progress** in that direction?

Are we going to reach the **breaking point**?

**Can** we reach that point?



AI is like an unreachable frontier?



AI is good or bad?

Automation  
is a core use case of AI

**AI** is the human desire to  
create a **digital** brain.



# Missing the Capability to Learn and Improve

# Machine Learning (ML)



Subfield of AI

Learn things without specifically being programmed

Digest and learn **patterns** from data

Combination of multiple components

# Artificial Intelligence (AI) Machine Learning (ML)





# Machine Learning (ML)



# Deep Learning (DL)

Subfield of ML

Learn **very complex** patterns from a large amount of data

Artificial Neural Networks (ANNs)

**Depth** is related to the number of layers

Artificial Intelligence (AI)

Machine Learning (ML)

Deep Learning (DL)



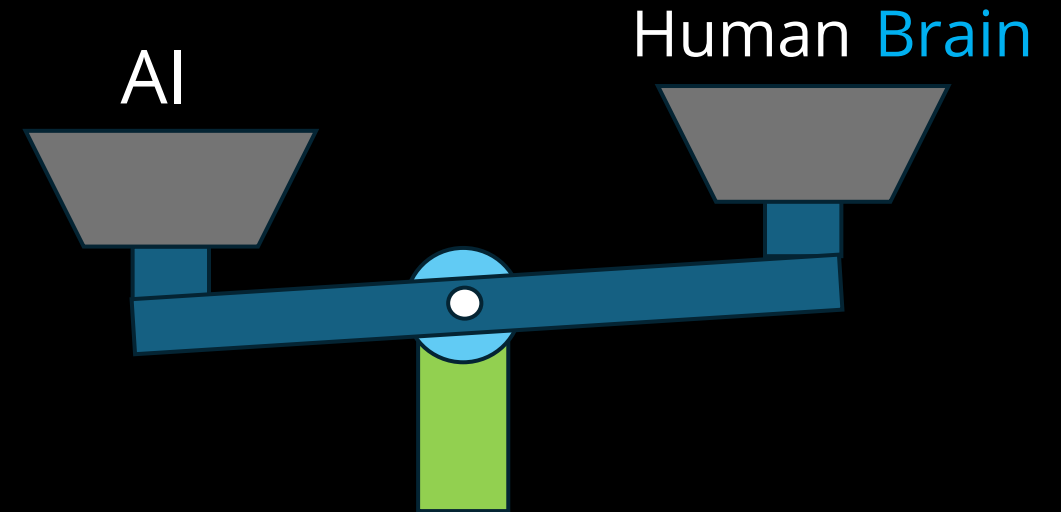
# What is Generative AI?

# Machine Learning (ML)

Evolving in multiple directions

Focused on **specific** tasks

**One** task ~ per **one** AI solution



Our brain can handle **multiple tasks**

We can communicate using our **language**

# Generative AI (Gen AI)



Analyze **text** as a language

Breaking the communication barrier (Humans & Machines)

Create **NEW** content



Text

Image

Video

Audio

New frontier for business use cases

Uplift and boost **productivity**

General-purpose technology (Like AI)