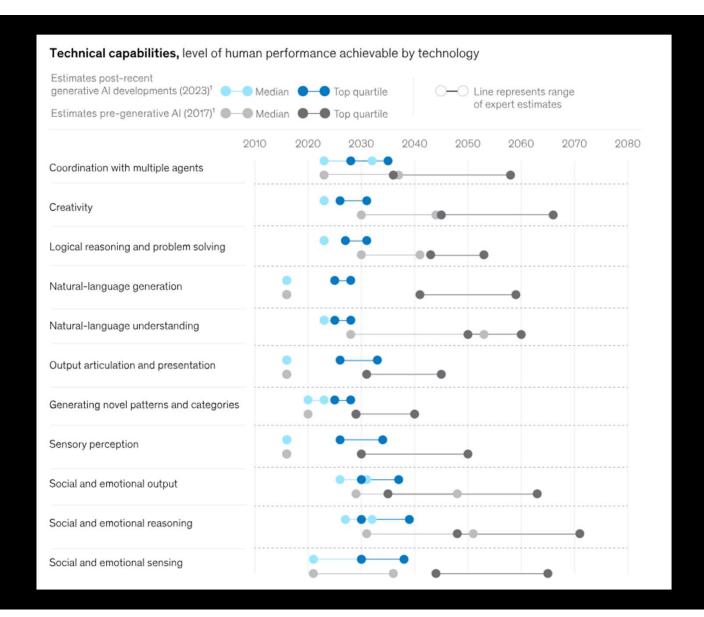
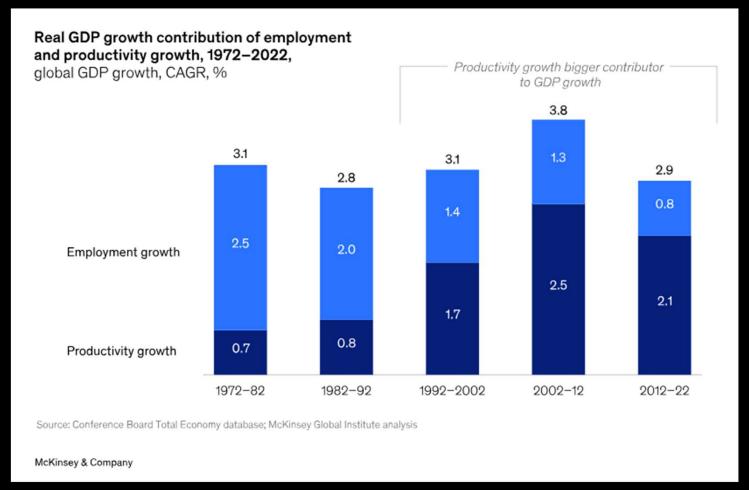


Generative Al Academy





### Future of Gen Al



https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/the-economic-potential-of-generative-ai-the-next-productivity-frontier#work-and-productivity

Anthropic CEO's video



## Now or future?



## Now or future?



# Now or future?



## The Al Journey



### **Reactive AI**

Can only respond to the current state of the world. They do not have any memory of past events, and they cannot plan for the future.



### **Limited-memory**

Can remember past
events and use this
information to make
decisions. Cannot reason
about the future or
understand the
intentions of other
agents.

#### I II LO OI AI



### **Theory of Mind**

Can understand the thoughts and intentions of other agents.
Cooperate with other agents and to achieve goals that would be impossible for a single agent.



### **Self Aware**

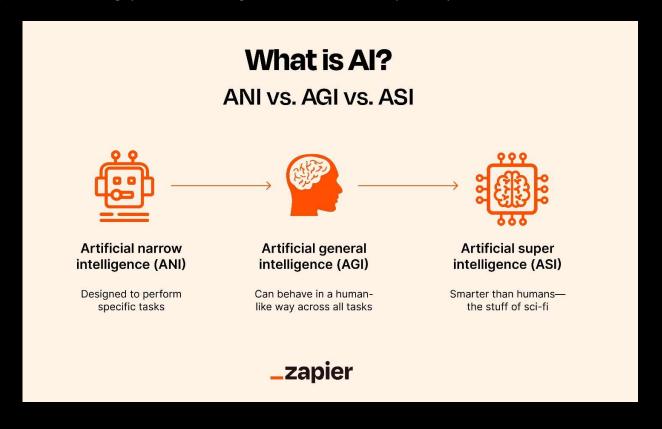
A hypothetical type of AI that would be conscious and have its own subjective experiences.

Does not yet exist, but it is a possibility that some researchers believe is worth pursuing.

### AGI

Artificial General Intelligence – AGI – refers to machines with the ability to understand, learn, and apply intelligence across a wide range of cognitive tasks, akin to human intelligence.

It encompasses general reasoning, problem-solving, and intellectual adaptability.



## Sentience

Sentience refers to the capacity to experience feelings and sensations, a concept traditionally associated with living beings.



#### **AGI** and Sentience

The debate centers around whether AGI can achieve true sentience, akin to human or animal consciousness, or if it remains a simulation.

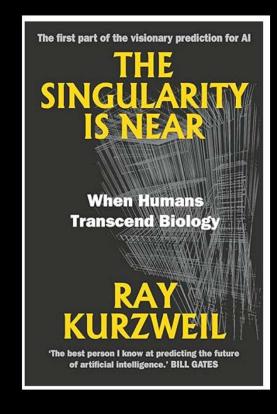
### Challenges in Defining Sentience in AGI

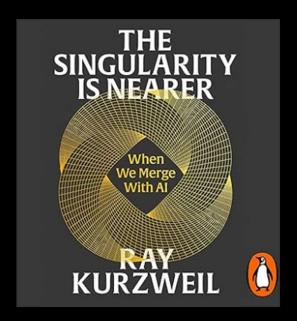
Differentiating between programmed responses and genuine sentient experience is a major philosophical and technical challenge in AGI development.

## Singularity

That point where the advances in 'technology' are so rapid that they blur the lines between nature and technology..

Data mining Nanotechnology Artificial Intelligence Synthetic biology





Close with video from Ilya