

Bridging AI and Neuroscience Group



Finally, a Machine That Can Finish Your Sentence

The New York Times, Nov 2018



Meet GPT-3. It Has Learned to Code (and Blog and Argue)

The New York Times, Nov 2020



AI Goes Multilingual with Hugging Face's BLOOM

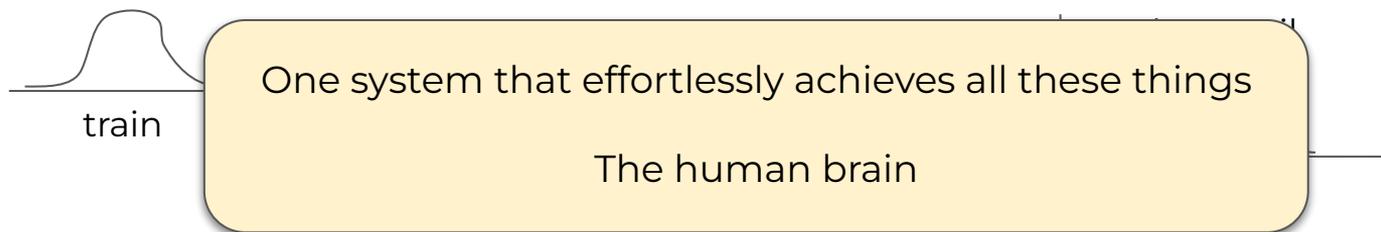
VentureBeat, July 2022



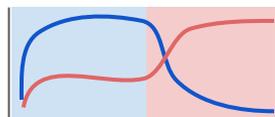
A long way to go to general artificial intelligence

Generalizing to new domains

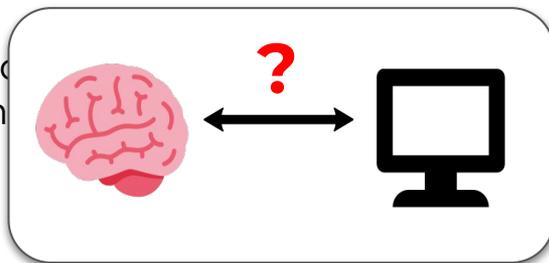
Learning from few samples



Retaining previously learned skills when learning new ones

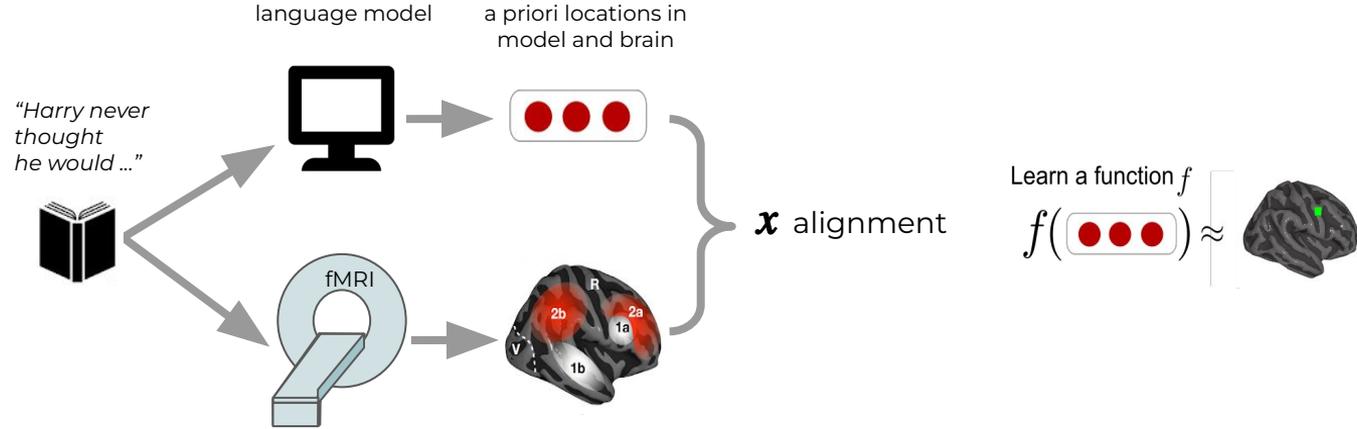


task A
task B



Commonsense reasoning

*trophy doesn't fit into the suitcase
use **it's** too big*



Scientific

Necessary & sufficient conditions for alignment

Theoretical

Guarantees & limitations for function f

Empirical

New training objectives for improved alignment