

Title: Gato (DeepMind)

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Gato is a deep neural network for a range of complex tasks that exhibits multimodality . It can perform tasks such as engaging in a dialogue, playing video games, controlling a robot arm to stack blocks, and more. It was created by researchers at London-based AI firm DeepMind . It is a transformer , like GPT-3 . [1] According to MIT Technology Review , the system "learns multiple different tasks at the same time, which means it can switch between them without having to forget one skill before learning another" whereas "[t]he AI systems of today are called "narrow," meaning they can only do a specific, restricted set of tasks such as generate text", [2] and according to The Independent , it is a "'generalist agent' that can carry out a huge range of complex tasks, from stacking blocks to writing poetry". [3] It uses supervised learning with 1.2B parameters. [4] The technology has been described as "general purpose" artificial intelligence and a "step toward" artificial general intelligence . [5]

References

Further reading

Matthew Sparkes (May 19, 2022), "Is DeepMind's Gato AI really a human-level intelligence breakthrough?" , New Scientist

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