Artificial Intelligence

Janyl Jumadinova

August 27, 2021

What is AI?

Al is the ability of a computer system to solve problems and to perform tasks that would otherwise require human intelligence.

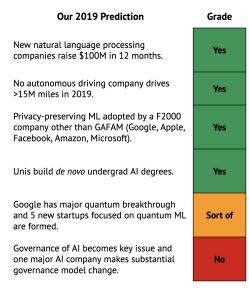
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"a branch of computer science that studies the properties of intelligence by synthesizing intelligence"

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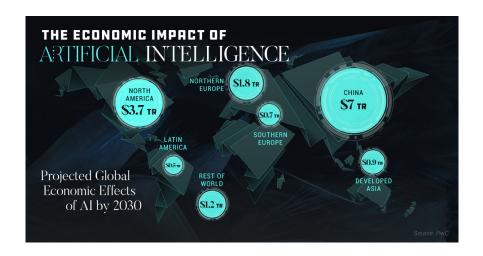


https://www.stateof.ai/

3/9

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Why AI?



Why AI?

EXECUTIVE ORDERS

Executive Order on Maintaining American Leadership in Artificial Intelligence

INFRASTRUCTURE & TECHNOLOGY | Issued on: February 11, 2019

EXECUTIVE ORDERS

Executive Order on Maintaining American Leadership in Artificial Intelligence



Why AI?



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Google's AI for mammograms doesn't account for racial differences

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By James Roads - James y 8, 2000

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Facial-Recognition Software Suffers From Racial Bias, U.S. Study Finds

 $Report \, amplifies \, concerns \, about \, the \, rollout \, of \, algorithms \, that \, analyze \, images \,$

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Are robots sexist? UN report shows gender bias in talking digital tech

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By Amrita Khalid - January 9, 2020

Facial-Recognition Software Suffers From Racial Bias, U.S. Study Finds Report amplifies concerns about the rollout of algorithms that analyze images

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Are robots sexist? UN report shows gender bias in talking digital tech DEAN MOUHTAROPOULOS | GETTY: EDITED BY MIT TECHNOLOGY REVIEW

Artificial Intelligence / Machine Learning

Training a single AI model can emit as much carbon as five cars in their lifetimes

Artificial Intelligence

Robots as Moral Agents

Is it possible to construct some kind of 'artificial moral agents'? (implicit vs. explicit)

Robots as Moral Agents

Is it possible to construct some kind of 'artificial moral agents'? (implicit vs. explicit)

If so,

Which moral code should they be programmed with?

Robots as Moral Agents

Moral Machine

