

28 Best Quotes About Artificial Intelligence

[Bernard Marr](#)

Contributor

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• • When it comes to the possibilities and possible perils of artificial intelligence (AI), learning and reasoning by machines without the intervention of humans, there are lots of opinions out there. Only time will tell which one of these quotes will be the closest to our future reality. Until we get there, it's interesting to contemplate who might be the one who predicts our reality the best.

“The development of full artificial intelligence could spell the end of the human race....It would take off on its own, and re-design itself at an ever increasing rate. Humans, who are limited by slow biological evolution, couldn't compete, and would be superseded.”— Stephen Hawking told the BBC



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“I visualize a time when we will be to robots what dogs are to humans, and I’m rooting for the machines.” —Claude Shannon

“Artificial intelligence would be the ultimate version of Google. The ultimate search engine that would understand everything on the web. It would understand exactly what you wanted, and it

would give you the right thing. We're nowhere near doing that now. However, we can get incrementally closer to that, and that is basically what we work on.” —Larry Page

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“The pace of progress in artificial intelligence (I’m not referring to narrow AI) is incredibly fast. Unless you have direct exposure to groups like Deepmind, you have no idea how fast—it is growing at a pace close to exponential. The risk of something seriously dangerous happening is in the five-year timeframe. 10 years at most.” —Elon Musk wrote in a comment on Edge.org

“The upheavals [of artificial intelligence] can escalate quickly and become scarier and even cataclysmic. Imagine how a medical robot, originally programmed to rid cancer, could conclude that the best way to obliterate cancer is to exterminate humans who are genetically prone to the disease.” — Nick Bilton, tech columnist wrote in the *New York Times*

“I don’t want to really scare you, but it was alarming how many people I talked to who are highly placed people in AI who have retreats that are sort of 'bug out' houses, to which they could flee if it all hits the fan.”—James Barrat, author of *Our Final Invention: Artificial Intelligence and the End of the Human Era*, told the *Washington Post*

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“I’m increasingly inclined to think that there should be some regulatory oversight, maybe at the national and international level, just to make sure that we don’t do something very foolish. I mean with artificial intelligence we’re summoning the demon.” —Elon Musk warned at MIT’s AeroAstro Centennial Symposium

“The real question is, when will we draft an artificial intelligence bill of rights? What will that consist of? And who will get to decide that?” —Gray Scott

“We must address, individually and collectively, moral and ethical issues raised by cutting-edge research in artificial intelligence and biotechnology, which will enable significant life extension, designer babies, and memory extraction.” —Klaus Schwab

“Some people call this artificial intelligence, but the reality is this technology will enhance us. So instead of artificial intelligence, I think we’ll augment our intelligence.” —Ginni Rometty

“I’m more frightened than interested by artificial intelligence - in fact, perhaps fright and interest are not far away from one another. Things can become real in your mind, you can be tricked, and

you believe things you wouldn't ordinarily. A world run by automatons doesn't seem completely unrealistic anymore. It's a bit chilling.” —Gemma Whelan

“You have to talk about 'The Terminator' if you're talking about artificial intelligence. I actually think that that's way off. I don't think that an artificially intelligent system that has superhuman intelligence will be violent. I do think that it will disrupt our culture.” —Gray Scott

“If the government regulates against use of drones or stem cells or artificial intelligence, all that means is that the work and the research leave the borders of that country and go someplace else.” —Peter Diamandis

“The key to artificial intelligence has always been the representation.” —Jeff Hawkins

“It's going to be interesting to see how society deals with artificial intelligence, but it will definitely be cool.” —Colin Angle

“Anything that could give rise to smarter-than-human intelligence—in the form of Artificial Intelligence, brain-computer interfaces, or neuroscience-based human intelligence enhancement - wins hands down beyond contest as doing the most to change the world. Nothing else is even in the same league.” —Eliezer Yudkowsky

“Artificial intelligence is growing up fast, as are robots whose facial expressions can elicit empathy and make your mirror neurons quiver.” —Diane Ackerman

“Someone on TV has only to say, ‘Alexa,’ and she lights up. She’s always ready for action, the perfect woman, never says, ‘Not tonight, dear.’” —Sybil Sage, as quoted in a *New York Times* article

“Some people worry that artificial intelligence will make us feel inferior, but then, anybody in his right mind should have an inferiority complex every time he looks at a flower.” —Alan Kay

“Artificial intelligence will reach human levels by around 2029. Follow that out further to, say, 2045, we will have multiplied the intelligence, the human biological machine intelligence of our civilization a billion-fold.” —Ray Kurzweil

“Nobody phrases it this way, but I think that artificial intelligence is almost a humanities discipline. It's really an attempt to understand human intelligence and human cognition.” —Sebastian Thrun

“A year spent in artificial intelligence is enough to make one believe in God.” —Alan Perlis

“There is no reason and no way that a human mind can keep up with an artificial intelligence machine by 2035.” —Gray Scott

“Is artificial intelligence less than our intelligence?” —Spike Jonze

“By far, the greatest danger of Artificial Intelligence is that people conclude too early that they understand it.” —Eliezer Yudkowsky

“The sad thing about artificial intelligence is that it lacks artifice and therefore intelligence.” — Jean Baudrillard

“Forget artificial intelligence - in the brave new world of big data, it's artificial idiocy we should be looking out for.” —Tom Chatfield

“Before we work on artificial intelligence why don't we do something about natural stupidity?” —Steve Polyak

So, how would you weigh in? What's your opinion about artificial intelligence?

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UK And Germany Double Down On Joint AI, Clean Energy R&D Efforts

[Federico Guerrini](#)

Contributor

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Scientists working in the laboratory

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The UK and Germany have strengthened their collaboration in science, research and innovation with a new series of initiatives. In a meeting in London on Tuesday, the UK Science Minister Michelle Donelan and her German counterpart Bettina Stark-Watzinger inked a joint declaration of intent that commits the two European research heavyweights to "broadening and deepening" their science and technology ties.

The joint plans unveiled include establishing a dedicated task force to translate the high ambitions into concrete projects and programs across critical domains like artificial intelligence, quantum technology, clean energy and research security.

To kickstart the collaboration, the UK is earmarking part of its £337 million (\$430M) [International Science Partnerships Fund](#) to support joint UK-German research endeavors. The British Academy and Germany's Alexander von Humboldt Foundation are also doing their part, announcing plans for three symposia over the next three years aimed at fostering links between early-career scholars in the humanities and social sciences from both nations.

"By supporting our brightest minds and leading institutions to work together, we will maximize the opportunities for them to create new jobs, build new businesses, and ultimately deliver a better quality of life for us all," [said Donelan](#) at the signing ceremony.

Her German counterpart Stark-Watzinger echoed the urgency of enhanced R&D teamwork between the two allies, saying that, "In the face of current challenges, it is all the more important that we move ahead together and prepare the ground for joint research solutions."

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Those "current challenges" are myriad – from the climate crisis and energy security to emerging tech frontiers like artificial intelligence. By pooling resources, expertise and brain power, the UK and Germany are betting they can accelerate breakthroughs to tackle these generational tests.

However, refocusing priorities toward international partnerships could come at the cost of domestic research agendas getting shortchanged. Another risk is that money and resources directed to meet lofty collaborative goals get diverted from homegrown programs, slowing domestic innovation.

But the hope behind the agreement is that the free flow of ideas, talent and best practice across borders will ultimately strengthen the entire research ecosystem. And by tackling complex challenges together, the UK and Germany can remain prime destinations for the world's best scientific talent.

This is just the latest in a number of agreements the two countries have signed recently. Last September, they entered into a partnership focused on accelerating the development and deployment of [low-carbon hydrogen technologies](#). This collaboration aims to establish leadership in hydrogen markets, support jobs and contribute to low-carbon investment.

The deal includes five pillars of collaboration, such as accelerating hydrogen projects for industry and consumers, establishing leadership on hydrogen markets, and promoting trade for hydrogen-related goods, technologies, and services.

Furthermore, two of their most prestigious universities, London's Imperial College and Technical University Munich last year launched the [Imperial-TUM Zero Pollution Advanced Fund](#), joining forces to boost their research efforts in the clean tech sector.

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