

## What Do Scientists Know About Artificial Intelligence?

### **Introduction**

The current, new, facsinatng thing that has everyone talking is Artificial Intelligence, or AI. These AI machines have been shown to be able to carry on human conversations like with Siri, ChatGPT, and Snapchat AI, but artificial intelligence is more than just that. We see and use AI machines everyday without even thinking about it. There are things like autocorrect where a machine recognizes the misspelling or misuse of a word and offers the correct spelling or a replacement word that better fits the sentence.

### **What is Artificial Intelligence?**

Artificial intelligence is an interdisciplinary science that attempts to build intelligent machines that are capable of performing tasks that require human intelligence, according to Alyssa Schroer at BuiltIn. AI machines can perform tasks such as playing video games or interpreting speech, and more recently, they can engage in conversations with people while giving human-like responses.

### **AI Generated Spam**

With the rise of artificial intelligence in the world, there is the possibility of persuasive AI-generated spam emails, says an article written by John Licato. There are language processing AI models, like ChatGPT, that are programmed to carry on human-like conversations. It is shown that these AI machines can compose emails in an individual's writing style, just by having a few examples of how they write to go on. Research showed that these machines could accurately guess various aspects about you such as your marital status or where you lean politically. With this information, spammers could have an email sent to you that you are more likely to click on as it is tailored to you and your life.

### **AI Machine Love**

Dating apps in college are a common occurrence, and people use them for a variety of reasons. Those reasons could include casual sex, a romantic relationship, or even a friendship. An article, written

by Marco Dehnert and Joris Van Ouytsel, states how relationships between AI and humans could become a common occurrence. They say that despite the common misconception that loners and those unsuccessful in relationships are the ones most likely to enter a relationship with a machine, research shows that there is not a significant correlation between people who are lonely and having a preference for robots. People are also shown to be drawn to machines for a variety, not just romantically or sexually. Some crave therapists, while others may see it as just a hobby.

### **AI Reaching Human-Level Intelligence and Regulating AI**

One of the biggest concerns in Sci-Fi dystopian movies is the fact that robots may take over. The question of whether artificial intelligence will ever be as smart as humans is a valid one, and Noor Gillani expands on the possibility in her article. The term for this is artificial general intelligence (AGI). She says that current AI machines' lack of human traits like emotional awareness and creativity hold them back. However, when five experts were asked, all five said that AI machines will eventually reach AGI. Along with the rise of AI comes the question of regulation and whether or not it's necessary, which Jeremy Straub touches on in his article. He brings up the point that artificial intelligence does a lot to help humans, while also mentioning the harm that it can do. He argues that as humans we have decided against extreme measures for ourselves like reducing reproduction, so teaching a robot to do the same should be the course of action.

### **Artificial Intelligence Job Recruiting**

Artificial intelligence is something that is ingrained in our everyday lives. Companies all across the nation use artificial intelligence, to their benefit, through their job recruiting process. With the help of AI machines, now those applying for the jobs can benefit as well, according to Stewart Black and Patrick van Esch in their article. Through questions about your skills and preferences, AI can find jobs that are hiring and are best fit for you on a percentage scale based on certain statistics like performance and culture. The goal of these machines is to give you the best possible opportunity and result in securing a job that you would like.

## **Conclusion**

It is obvious that artificial intelligence is a massive scientific advancement and something that likely won't be abandoned. There are examples all over of both the good that it has done to improve our everyday lives and the bad that it could potentially do. The point is that for better or for worse, artificial intelligence has made an impact on the world, and it will continue to reach milestones and achieve advancements with innovation.

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