

THE ARTIFICIAL INTELLIGENCE

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What do we mean by the creation of Artificial Intelligence? It is the science and engineering of making intelligent machines, especially intelligent computer programs. It is related to the similar task of using computers to understand human intelligence. Under the Artificial Intelligence we mean the computational part of the ability to achieve goals in the world. Varying kinds and degrees of intelligence occur in people, many animals and some machines. But the problem is that the scientists cannot yet characterize in general what kinds of computational procedures they want to call intelligent. Intelligence involves mechanisms, and AI research has discovered how to make computers operate some of them and not others. If doing a task requires only mechanisms that are well understood today, computer programs can give very impressive performances on these tasks. Such programs should be considered like "somewhat intelligent".

The Artificial Intelligence sometimes but not always is simulation of the human intelligence. On the one hand, we can learn something about how to make machines solve problems by observing other people or just by observing people's own methods. On the other hand, most work in AI involves studying the problems the world presents to intelligence rather than studying people or animals. AI researchers are free to use methods that are not observed in people or that involve much more computing than people can do.

Why people want to create such thing? For what they need it? The answer is very simple - using the Artificial Intelligence will give us more abilities to automatise the process; to control different process, like scientific researches, finding and modifying information.

The Artificial Intelligence exists nowadays, but people need more. In ideal, the Artificial Intelligence must learn on its own mistakes, on the information which it gets from outside.

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