BBC
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ENGLISH
英语教学

谷歌棋下的 DeepMind 公司在人工智能技术方面又取得了巨大的进步。新技术能使机器在没有人类玩家的帮助下挑战中国的围棋游戏。请听报道。

Last year DeepMind's AlphaGo programme took on and beat two of the world's best players of the Chinese game of Go - a feat seen as a **milestone** in the development of **artificial intelligence**. That programme was trained by first giving it **vast** amounts of data from **amateur** and professional games.

The new AlphaGo Zero began with a blank board and nothing but the rules of Go and set about playing against itself. Within three days it was so **advanced** that it **took on** the previous version, which had taken months to develop, and **defeated** it by a hundred games to zero.

DeepMind says that creating knowledge from **first principles** without learning from human **expertise** is an important step in developing artificial intelligence. The company's founder Demis Hassabis said this **breakthrough** could help in **real world problems** such as designing new drugs or discovering new materials.

词汇表

milestone	里程碑
artificial intelligence	人工智能
vast	大量的，巨大的
amateur	业余的
advanced	（能力）高级的
took on	挑战
defeated	击败了
first principles	基本原则
expertise	专门技能
breakthrough	突破
real world problems	现实生活中存在的问题

测验

请听报道并回答下列问题。

1. What did the AlphaGo programme first need to help beat the world's best players of Go?

2. True or false? *The new version of AlphaGo won every game against the older version.*

3. How much help did this new version of AlphaGo need to win the game of Go so quickly?

4. True or false? *The company says that it will be using AlphaGo to discover new drugs next.*

答案

1. What did the AlphaGo programme first need to help beat the world's best players of Go?
Vast (very large) amounts of data from amateur and professional games.

2. True or false? *The new version of AlphaGo won every game against the older version.*
True. The new version was so advanced that it took on the previous version and defeated it by a hundred games to zero.

3. How much help did this new version of AlphaGo need to win the game of Go so quickly?
Not much help. The new AlphaGo Zero began with a blank board and nothing but the rules of Go.

4. True or false? *The company says that it will be using AlphaGo to discover new drugs next.*
False. The company's founder Demis Hassabis said this breakthrough could – but not definitely - help in real world problems such as designing new drugs.