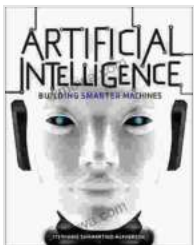# Artificial Intelligence: Building Smarter Machines

What is artificial intelligence?

Artificial intelligence (AI) is the field of computer science that seeks to create machines that can think and act like humans. AI encompasses a wide range of topics, including machine learning, deep learning, computer vision, and natural language processing.

Artificial Intelligence: Building Smarter Machines

by Stephanie Sammartino McPherson

★★★★☆ 4 out of 5

Language	: English
File size	: 13989 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 108 pages

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The history of artificial intelligence

The history of AI can be traced back to the 1950s, when researchers began to develop the first computer programs that could learn from data. In the 1960s, AI researchers made significant progress in the development of expert systems, which were computer programs that could solve complex problems in a specific domain. In the 1970s, AI researchers began to

develop neural networks, which are computer programs that can learn from data in a similar way to the human brain.

The present and future of artificial intelligence

Today, AI is used in a wide range of applications, including:

* **Self-driving cars** * **Medical diagnosis** * **Financial trading** * **Customer service** * **Manufacturing**

AI is still a relatively young field, but it is rapidly growing. In the next few years, we can expect to see even more amazing advances in AI technology.

The benefits of artificial intelligence

AI has a number of potential benefits, including:

* **Increased productivity** * **Improved decision-making** * **New medical treatments** * **Reduced crime** * **Improved education**
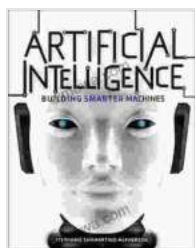
The challenges of artificial intelligence

There are also a number of challenges associated with AI, including:

* **Job displacement** * **Privacy concerns** * **Bias** * **Safety**

It is important to be aware of these challenges as we continue to develop AI technology.

Artificial intelligence is a powerful technology that has the potential to revolutionize many aspects of our lives. However, it is important to be

aware of the challenges associated with AI as we continue to develop this technology.

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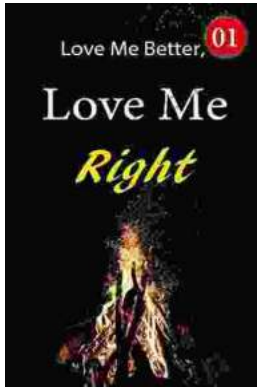|	
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