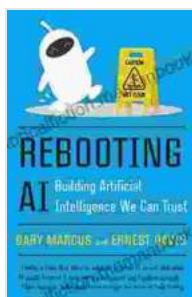# Rebooting AI: Building Artificial Intelligence We Can Trust

Artificial intelligence (AI) is rapidly changing the world, from the way we work and play to the way we make decisions. As AI systems become more powerful and autonomous, it is becoming increasingly important to ensure that we are building AI systems that are trustworthy and aligned with our values.

Rebooting AI: Building Artificial Intelligence We Can Trust by Ernest Davis

★★★★☆ 4.5 out of 5

Language	: English
File size	: 18879 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
X-Ray	: Enabled
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Unfortunately, many of the AI systems that are being developed today are not trustworthy. They are often opaque, biased, and prone to error. This can lead to a number of problems, including discrimination, privacy violations, and even physical harm.

It is clear that we need to reboot AI. We need to develop new principles and practices for building AI systems that are trustworthy and aligned with our

values. This will not be easy, but it is essential if we want to ensure that AI is used for good and not for evil.

The Challenges of Rebooting AI

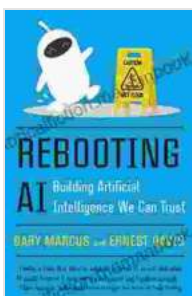There are a number of challenges that we need to overcome in order to reboot AI. These challenges include:

- **Opacity:** Many AI systems are opaque, which makes it difficult to understand how they work and why they make the decisions that they do. This opacity can lead to a lack of trust in AI systems.

- **Bias:** AI systems can be biased, which can lead to unfair or inaccurate decisions. This bias can be caused by a number of factors, including the data that is used to train the AI system, the algorithms that are used to develop the AI system, and the people who are involved in the development of the AI system.

- **Error:** AI systems are prone to error, which can lead to unintended consequences. These errors can be caused by a number of factors, including the complexity of the AI system, the data that is used to train the AI system, and the algorithms that are used to develop the AI system.

- **Lack of accountability:** Many AI systems are not accountable, which makes it difficult to hold them responsible for their actions. This lack of accountability can lead to a lack of trust in AI systems.

Principles for Rebooting AI

In order to reboot AI, we need to develop a new set of principles for building AI systems. These principles should include:

- **Transparency:** AI systems should be transparent, which means that we should be able to understand how they work and why they make the decisions that they do. This transparency can help to build trust in AI systems.

- **Fairness:** AI systems should be fair, which means that they should not discriminate against any particular group of people. This fairness can be achieved by using unbiased data, algorithms, and people in the development of AI systems.

- **Safety:** AI systems should be safe, which means that they should not cause any harm to people or property. This safety can be achieved by testing AI systems thoroughly before they are deployed, and by monitoring AI systems for any potential risks.

- **Accountability:** AI systems should be accountable, which means that we should be able to hold them responsible for their actions. This accountability can be achieved by creating clear rules and regulations for the development and use of AI systems.

Rebooting AI will not be easy, but it is essential if we want to ensure that AI is used for good and not for evil. By following the principles outlined in this article, we can build AI systems that are trustworthy, fair, safe, and accountable.

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