Rebooting AI: Building Artificial Intelligence We Can Trust
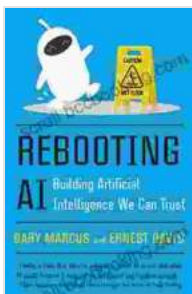
In the rapidly evolving field of artificial intelligence (AI),there is a growing recognition of the need for AI systems that are not only powerful, but also trustworthy. This need stems from the increasing use of AI in critical applications, such as healthcare, finance, and transportation, where the consequences of an AI system making a mistake can be severe.

In his book, *Rebooting AI: Building Artificial Intelligence We Can Trust*, Gary Marcus argues that we need to rethink the way we build AI systems if we want to create AI that is trustworthy. Marcus identifies three key challenges that need to be addressed:

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
Word Wise	: Enabled
Print length	: 290 pages

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- The challenge of **bias**: AI systems can be biased because they are trained on data that is biased. This can lead to AI systems making

unfair or discriminatory decisions.

- The challenge of **opacity**: AI systems can be opaque, which means that it is difficult to understand how they make decisions. This can make it difficult to trust AI systems, as we do not know how they will behave in all situations.

- The challenge of **maliciousness**: AI systems can be malicious, which means that they can be used to deliberately harm people. This is a serious concern, as AI systems become more powerful.

Marcus's Solution: Rebooting AI

Marcus argues that we need to "reboot" AI in Free Download to address these challenges. He proposes a new approach to building AI systems, one that is based on the principles of **transparency**, **interpretability**, and **responsibility**.

- **Transparency** means that AI systems should be transparent, so that we can understand how they make decisions.

- **Interpretability** means that AI systems should be interpretable, so that we can understand why they make the decisions they do. Responsibility

- **Responsibility** means that AI systems should be designed and used in a responsible manner, so that they do not harm people.

Marcus believes that this new approach to building AI systems will allow us to create AI that is trustworthy and beneficial to society.

The Benefits of Trustworthy AI

There are many benefits to developing trustworthy AI systems. Trustworthy AI can:

- Help us make better decisions

- Improve our safety and security

- Increase our productivity

- Foster innovation

- Create a more just and equitable world

The potential benefits of trustworthy AI are enormous. By investing in trustworthy AI, we can create a future in which AI is used to improve our lives and make the world a better place.
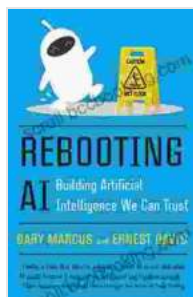
Rebooting AI is a must-read for anyone interested in the future of AI. Marcus provides a clear and concise overview of the challenges facing AI today, and he offers a compelling vision for how we can build AI systems that are trustworthy and beneficial to society.

If you are interested in learning more about trustworthy AI, I encourage you to read *Rebooting AI*. You can Free Download your copy today on Our Book Library.

Image Alt Attributes

- Gary Marcus, author of *Rebooting AI: Building Artificial Intelligence We Can Trust*

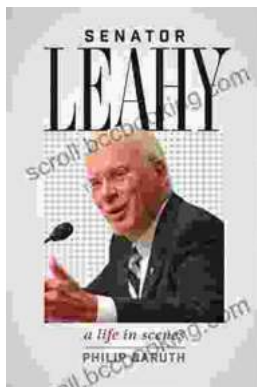- The cover of the book *Rebooting AI: Building Artificial Intelligence We Can Trust*

- A graph showing the benefits of trustworthy AI

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