

AI Ethics



INTRODUCTION

1

Ethics are based on well-founded standards of right and wrong that prescribe what humans ought to do.

2

These ethics constitute rights, obligations, benefits to society, fairness, or special virtues.

Let us learn AI Ethics in four easy steps.



In simple words, we can understand ethics as the principles of life that a person follows in different situations of his life.

- 1 Our ethics majorly govern the decisions that we make.
- 2 For example, taking responsibility and accountability, trust, and mutual respect for others.
- 3 There are a lot of ways in which AI is influencing our lives these days, and with every way, comes a lot of ethical concerns that revolve around it.



1

Let us now look at some of the major ethical concerns around artificial intelligence's role in our world.

2

Bias is the act of performing favoritism or discrimination for or against an individual or group.

3

Similarly, AI biases are nothing but inclination or prejudice the machine may offer while providing specific solutions.

YOU SHOULD KNOW THAT TEACHING AI IS LIKE TEACHING A TODDLER!

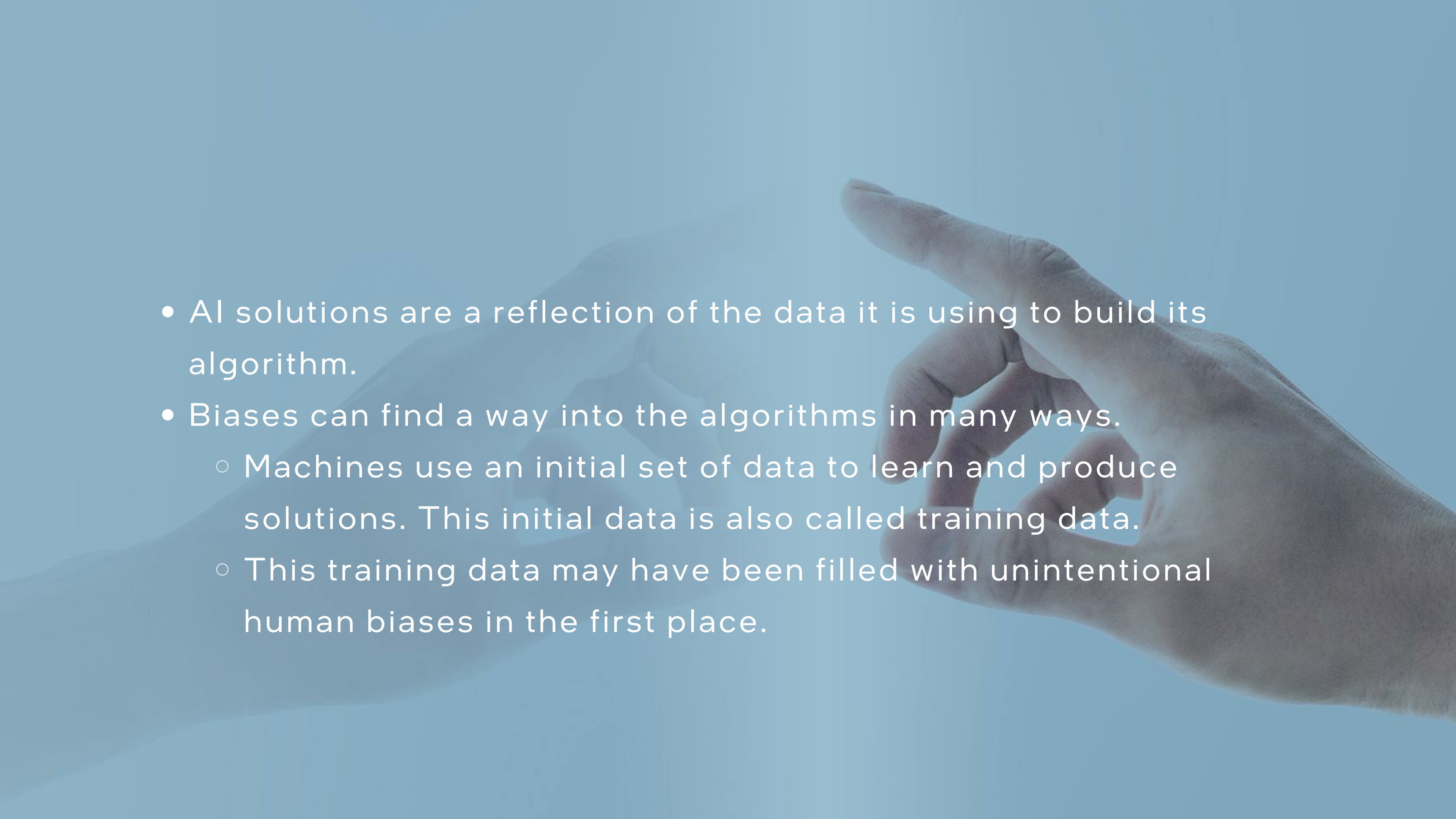
1

The system learns from the data you feed it with, understanding a pattern and giving you a solution.

2

We must be careful that we may unknowingly lead AI to create certain problematic behaviors or interpretations.

It is because of this that AI can be biased.

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- A background image showing two hands, one from the left and one from the right, reaching towards each other. The hands are slightly out of focus, and the background is a solid light blue color. The text is overlaid on the left side of the image.
- AI solutions are a reflection of the data it is using to build its algorithm.
 - Biases can find a way into the algorithms in many ways.
 - Machines use an initial set of data to learn and produce solutions. This initial data is also called training data.
 - This training data may have been filled with unintentional human biases in the first place.

- These biases are a serious concern. Machine bias becomes a complex problem when the variables are sensitive. Let us look at some example addressed below:
- Companies using automation for recruitment may face AI bias issues.
 - The machine might favor a single type of profile.
 - Historically overrepresented social groups will be more, compared to the marginalized or the under-represented.



Let us play a fun game!



Welcome to AI Bias Game.

Choose the lucky fan!

The World Sports Board is giving free game tickets to some lucky winners across the world.

You have been appointed by the World Sports Board to select these fans who will get the free tickets.

In order to win these tickets, applicants have to be true fans of sports. To ease the selection process, the World Sports Board has conducted tests of these fans. The fans have been tested in the field of various different sports, and you will be provided with their test results.

Let's begin!

[> Next](#)

We want you to understand how algorithms can be biased and how humans need to have a close check on these algorithms in order to avoid them.

For this, we have designed a game for you.

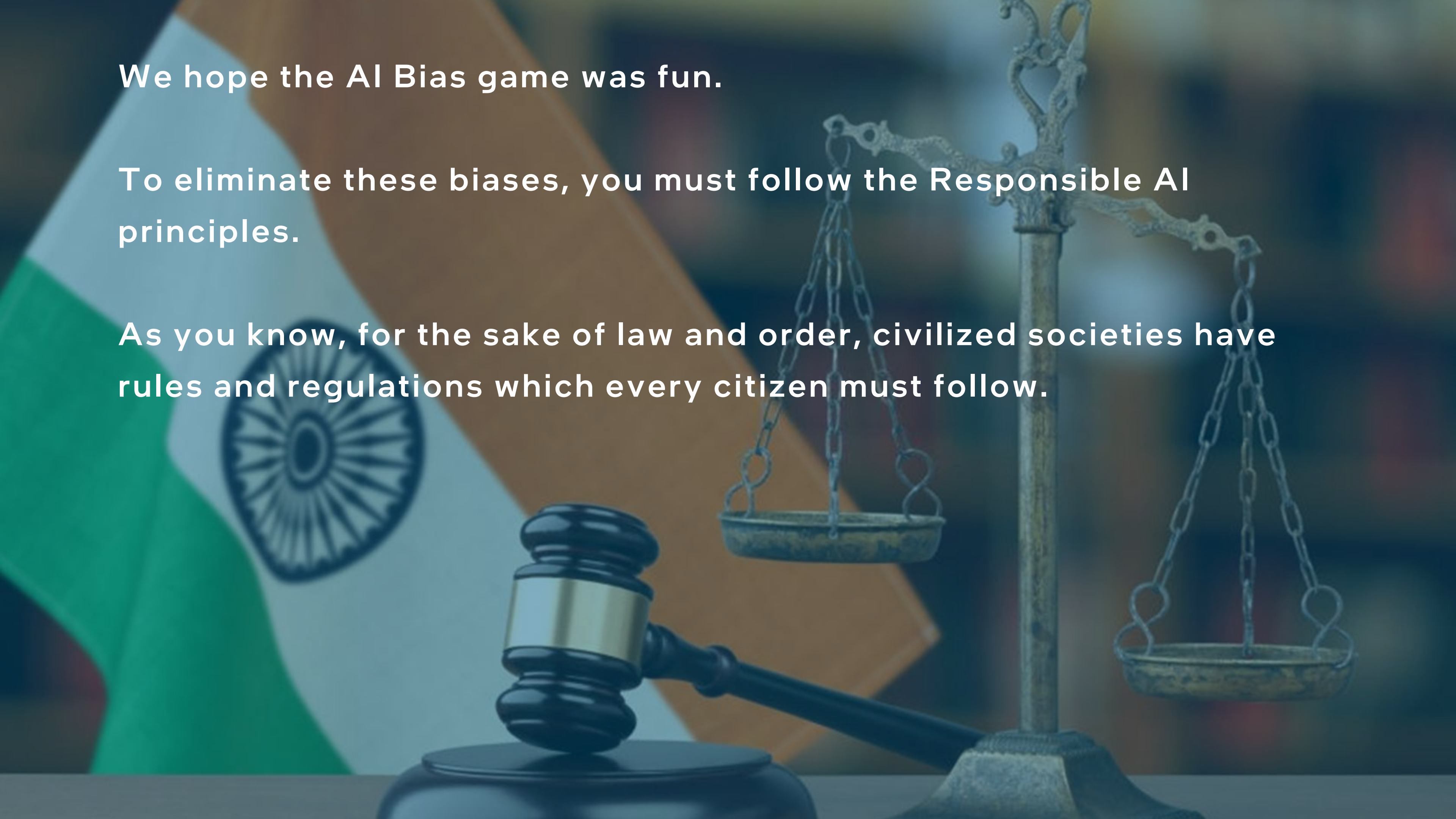


<https://ai-bias.sustainablelivinglab.org/>

We hope the AI Bias game was fun.

To eliminate these biases, you must follow the Responsible AI principles.

As you know, for the sake of law and order, civilized societies have rules and regulations which every citizen must follow.



Similarly, as AI users, we must adhere to Responsible AI ethics.

Why do we need ethics:

- Ethics are the code of conduct to use AI and eliminate or reduce AI abuse.
- It is vital to keep a check on how humans are using AI.
- AI can do spectacular things if it is provided with the required data and quality training.
- Keeping AI within controlled limitations through codes of conduct will help us use it for good.