



# AI Ethics

# Agenda

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Bias and Fairness

02

Transparency and  
Explainability

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Regulatory Compliance

04

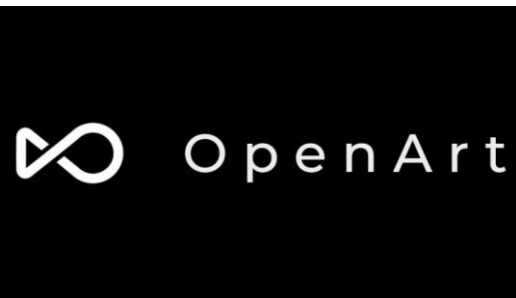
Self-Study Resources –  
Privacy and Security



# Bias and Fairness

# Bias and Fairness

## Examples



## Overview

- What is the significance of bias in AI?
- How can an unfair AI effect the user?
- What are the repercussions of a biased AI?
- What are the identified sources of AI bias?
- How are AIs influenced by bias?
- How can we identify bias in AI tools?
- What is data poisoning, and how does it differ from bias?

# Transparency and Explainability



# Transparency and Explainability

## Examples

- Kitchen vs Cooking
- $5 \times 5 = ?$
- “Black Box” Challenge

**EQUIFAX**

Hire★Vue

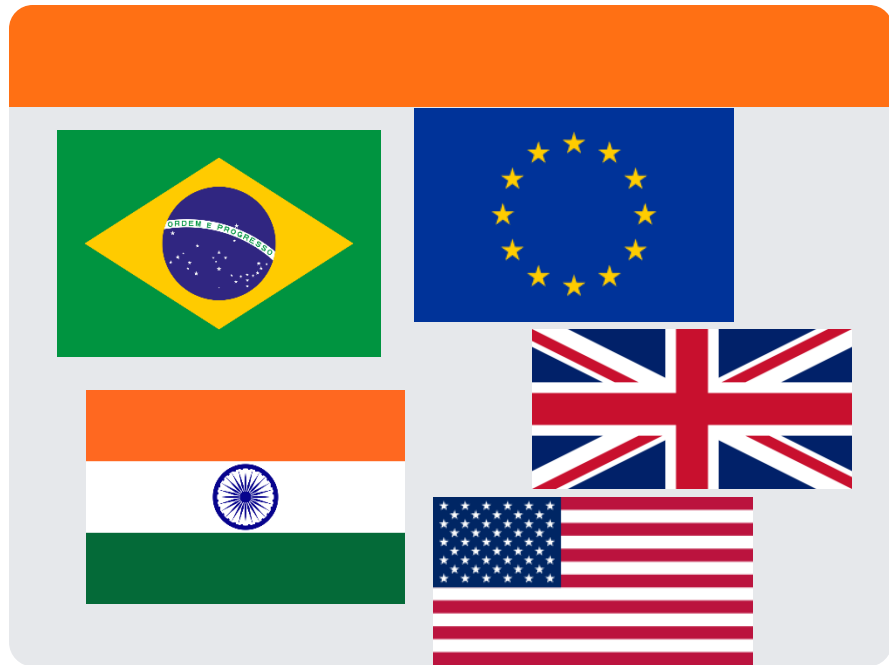
## Overview

- What differentiates explainability from transparency?
- What is the purpose of explainability in AI tooling?
- How does explainability aid in transparency?
- What can we do to verify AI results?

# Regulatory Compliance



# Regulatory Compliance



## Overview

- What laws currently regulate the use of AI near you?
- What laws currently regulate data security or Personally Identifiable Data (PID)?
- What recommendations exist for the responsible stewardship of data?



# Self-Study Resources



## Self-Study Resources

[Turing Institute](#)

[UNESCO](#)

[EU Policy](#)

[ML Learning Techniques](#)

# Thank You!