Ethical AI & Machine Learning

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The flipsides of the 4 key AI enablers…

1

Data availability

Violate privacy & data integrity

2

Computational power

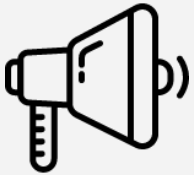
Energy & capital intensive

3

Algorithm advancements

Introduction of biases & opacity

4



Broad public interest

Hype vs reality

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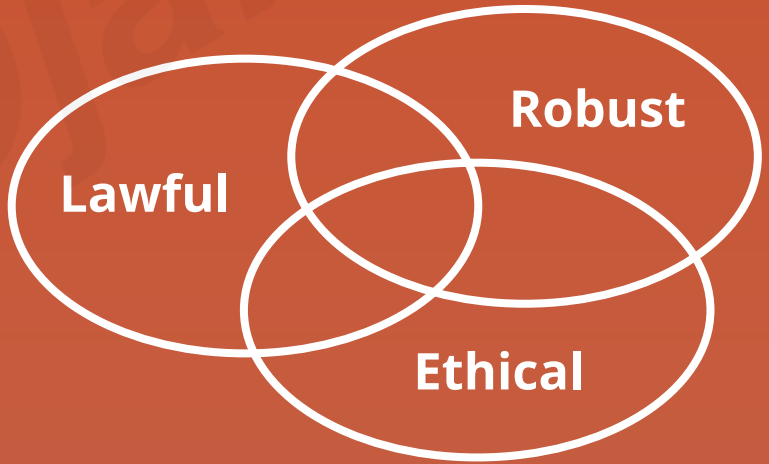
Trust in Humans

Selection of components

- Morals & Ethics
- Character
- Societal Laws
- Cultural Laws
- Compassion
- ....

Trust in AI



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7 Key Requirements for Trustworthy AI

1 Human agency & oversight

2 Technical robustness & safety

3 Privacy & data governance

4 Transparency

5 Diversity, fairness & non-discrimination

6 Societal & environmental wellbeing

7 Accountability

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