

Limitations of these approaches

- Expert systems: requires subject expertise, rules change, edge cases
- Data-driven systems: data collection can be time consuming and expensive, data may not be available

Despite limitations, AI has (and will be) very impactful

- Sentient machines are probably not imminent
- Cumulative (and maybe individually small) effect of AI (specifically ML) will bring about impactful change in our research, work, and every day lives [1]
- AI will soon be “just another tool in the toolbox”

[1] Moore's Law for Everything