

What is Generative AI?

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What is it good for?

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What are the limitations?

ooo

Should you (not) use it for university work?

ooo

Info on Generative AI Use

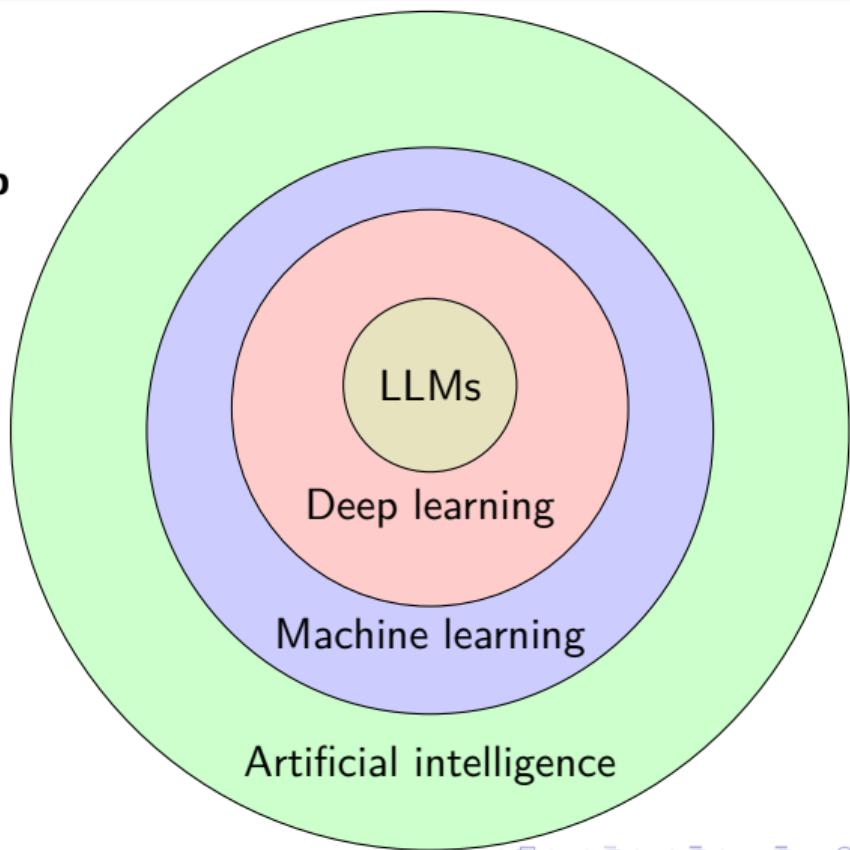
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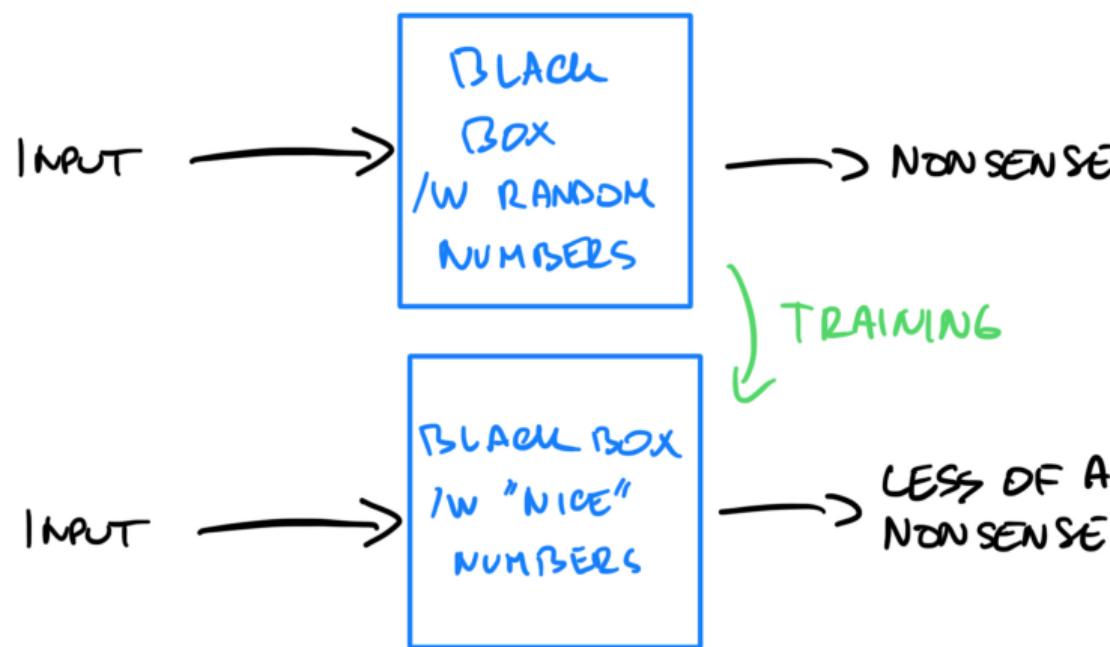
WS 2024/25
Pre-course

People not in the know like to mix up and misuse:

- ▶ Artificial Intelligence
 - ▶ Generative AI
- ▶ Deep learning
- ▶ Machine learning
- ▶ Large Language Models
- ▶ Neural Networks
- ▶ ...



How Can Machines (and LLMs) Learn?



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Large Language Models

Why are they models?

Why language specifically?

Trained on natural language, good for tasks such as modelling, translation, summarisation, classification,...

What makes them large?

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(suggestion: helper with the mundane when you can verify the results yourself)

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Inherent limitations

Bias

Hallucinations

Copyright/Privacy Issues

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When things don't go as expected...

example of limitations translation

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When things don't go as expected...

example of limitations - cl related

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Stance of the University

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Recommendations

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Think critically, like a computational linguist

Don't rely on it

Use with care and consideration

