

Building the digital practice

An academic perspective on digital technologies

Professor Jaap van den Herik

Leiden University

Panel discussion on EFAA on 28 June 2019

Four questions

- Is AI the holy grail?
- Are parts of AI overhyped?
- What are the possibilities of machine learning?
- What is the difference between machine learning and AI?



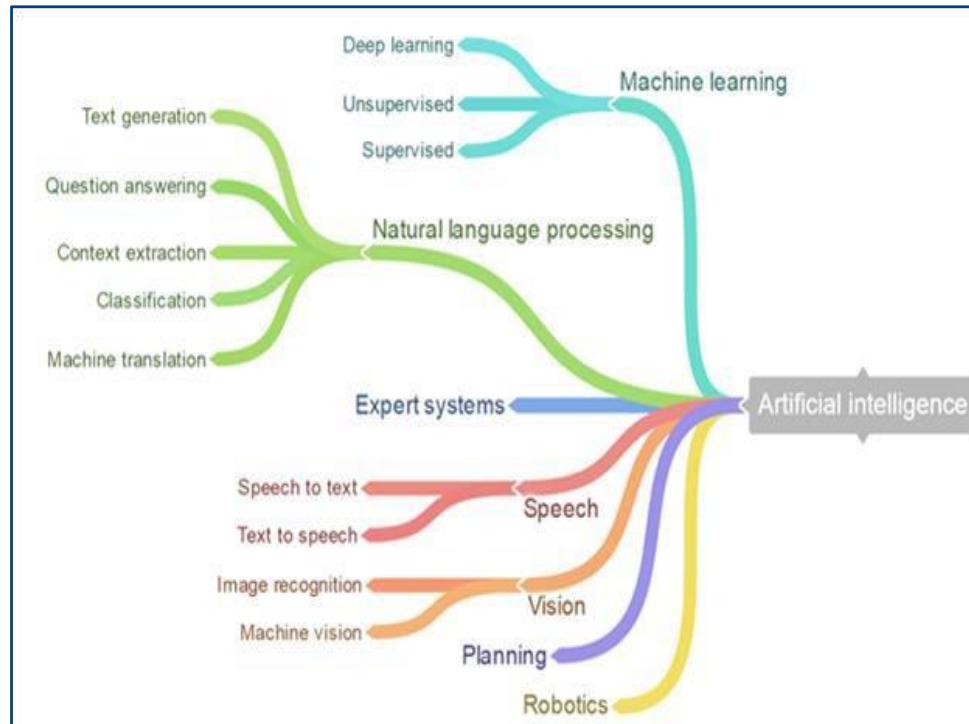
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What is Artificial Intelligence (AI) ?





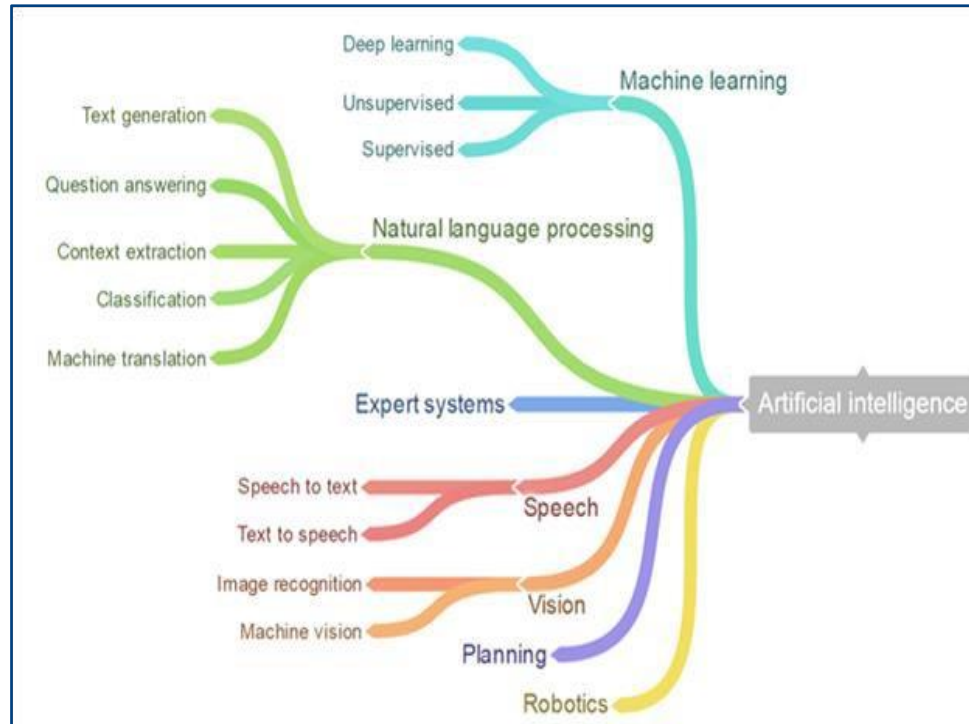
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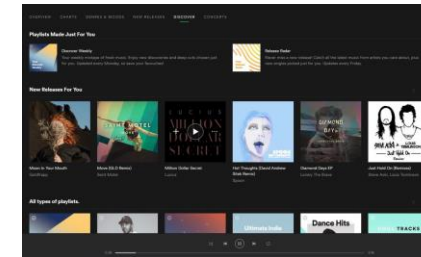
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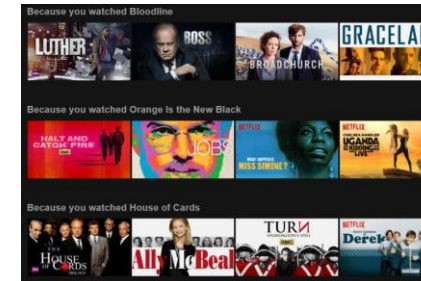
Instances of AI ?



MUZIEK:



BEELD:



AUTO'S:





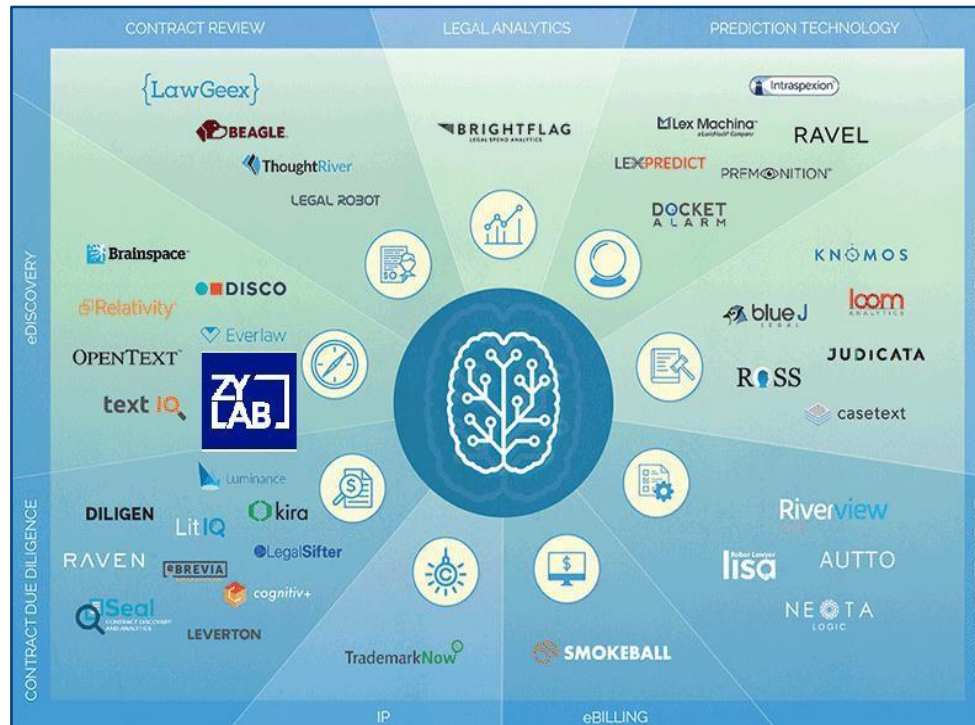
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What is the legal landscape?





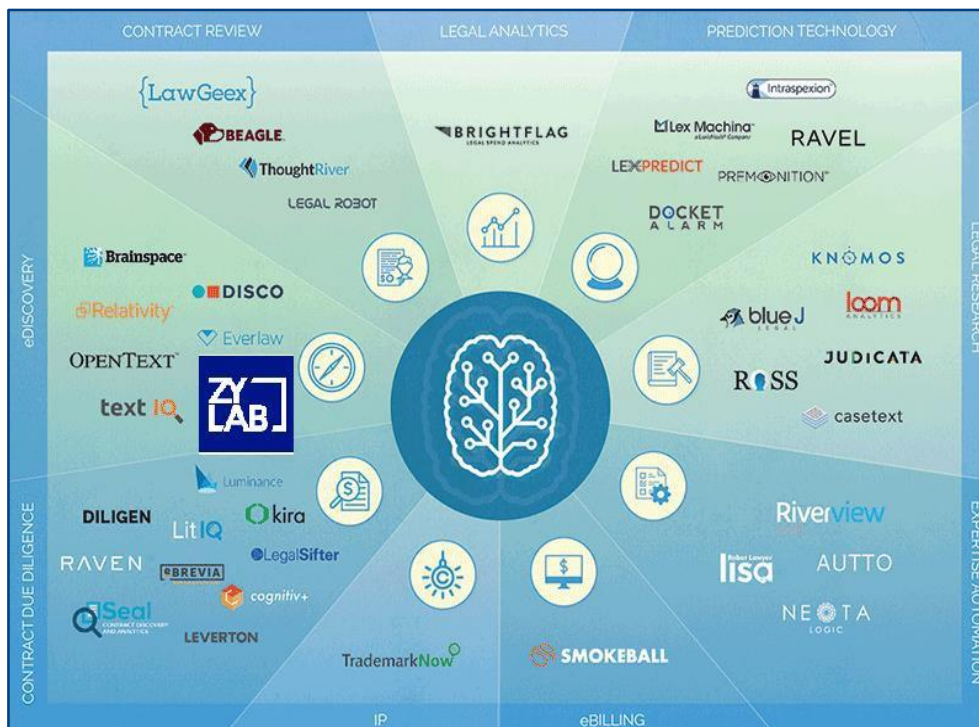
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Promises of the legal landscape?



1. For the courts?
2. The future of the promises ?
3. Relevant questions ?
4. Important issues and debate ?

My advice to the EFAA

- 1. hire knowledgeable professionals
- 2. listen to them
- 3. prepare societal questions to them

The Situation Room: December 2013



Is the use of Big Data allowed ?



Statement by Swire: “All questions can be answered by Big Data and AI techniques.”



“ The use of Big Data is largely illegal under GDPR ”

Professor Peter Swire,
former privacy and security
advisor to US president Obama,
during this year's BOLD Cities
Kick-off meeting... [\[read more\]](#)



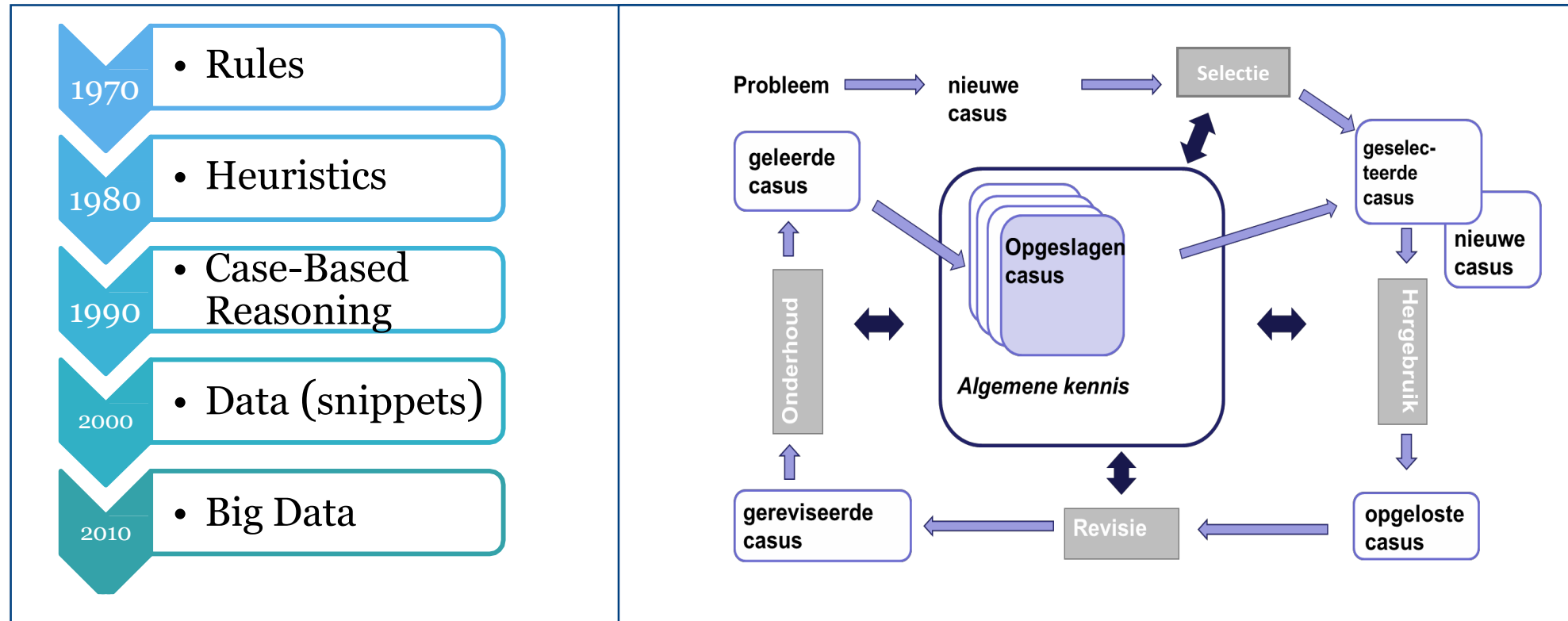


Specific AI developments





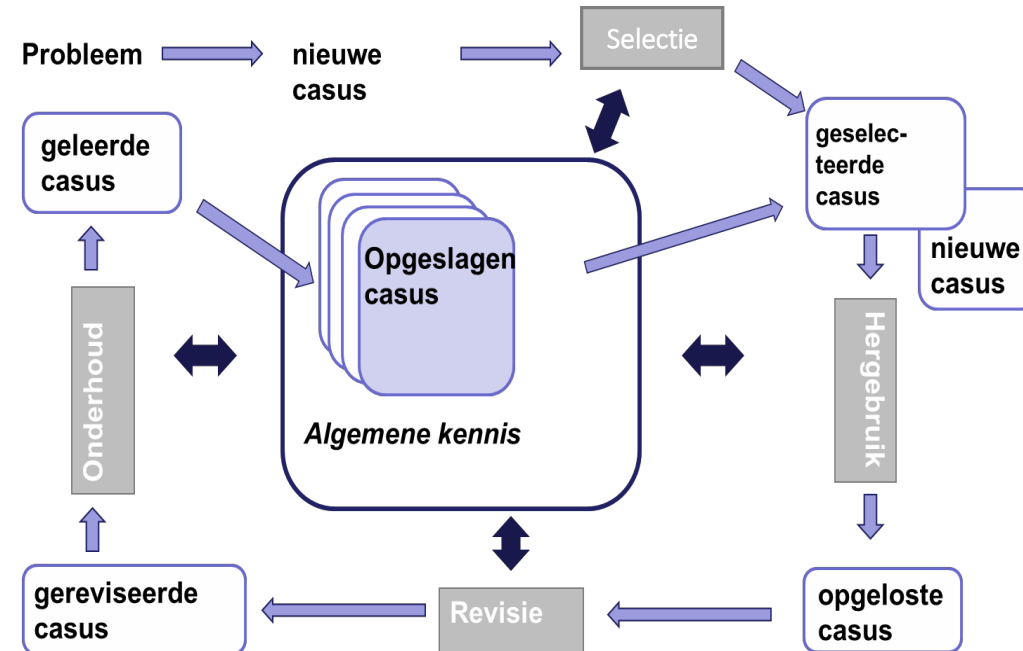
Specific AI developments





Main issues

- Selection process
- Reuse
- Revision
- Maintenance



After the presentation of Erik Kolthof on accounttech my suggestion is to investigate what legal tech can learn from machine learning.

- It will lead to three debates:
- - technological debate
- - legal debate
- - societal debate



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Which debate is relevant ?

Positie A:

De wereld is **technologie** gedreven
(bijv. Wetenschappers)



Positie B

De wereld is **sociaal** gedreven
(bijv. Advocaten)



Towards a multidisciplinary society