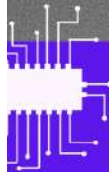




WHERE LAW AND TECHNOLOGY MEET



TECH LAW

Legal issues raised by technology trends



LEGAL TECHNOLOGY

Technology trends that could transform legal practice

ARTIFICIAL INTELLIGENCE ("AI")

Computers performing tasks which require human-like intelligence.

Unanticipated adverse decisions made by AI creates uncertainty about:



who should bear liability;



the appropriate level of human oversight; and



how insurance risks should be assigned.



Requirements for disclosure could have implications for intellectual property protections.

Growth of contract review software using AI could increase *speed and accuracy* in the following processes:



contract drafting;



discovery; and



due diligence.

Examples: Kira, Taiger, Pactly

DATA ANALYTICS



Large databases of information that could include:

- case histories and legislation across jurisdictions; or
- internal law firm data (e.g. billing and resource management).



Individuals may be unaware of the extent to which data on them is collected.



Risk of security breaches and unintended exposure of information.



Use of big data could possibly exacerbate bias.



Legal decision prediction systems could help lawyers better understand the factors on which cases turn.

Examples: Case Crunch, Premonition, Lex Machina

Legal practice management software that collects data enables law firms to make data-driven decisions and become more efficient.

Examples: CLIO, Tesseraet, Core Matter



BLOCKCHAIN

A ledger which records all transactions between users (nodes) in a decentralised network. Common applications of blockchain are cryptocurrencies and smart contracts.



The decentralised nature of blockchain where nodes of the network can be based all over the world could create problems of *jurisdiction and governing law* when legal issues arise.

A key application of blockchain is smart contracts where there can be more seamless execution of transactions based on certain trigger events.

Examples: Ethereum, RSK



The function of blockchain to keep records and validate could be useful for notarisation and public records.

Examples: Acronis Notary, Notarised.io