

# *Technology and the law*

Presentation to Marbury Chambers

*24 March 2023*



**STIRLING  
& ROSE**

*Schellie-Jayne Price, AI Partner*

# STIRLING & ROSE



**SJ Price**

*AI Partner*

SJ has 20 years mega-project experience in the international resources industry, is an award-winning technology lawyer, and sits on the Advisory Board of the WA Government Data Science Innovation Hub.



**Stirling & Rose**

*Technology Law Firm & Policy Institute*

A national law firm that provides specialist legal advice on artificial intelligence and machine learning, data, smart legal contracts, digital assets and emerging technologies.

# Internationally Recognised

## AWARDS



**Chambers Recognition** in FinTech Legal 2023 & 2024  
**Financial Times** - Winner - Most Innovative Lawyer 2021



**Lawyers Weekly** - Winner - 2020 Thought Leader of the Year  
**Lawyers Weekly** - Finalist - 2023 Partner of the Year  
**Lawyers Weekly** - Finalist - 2023 & 2024 30 under 30

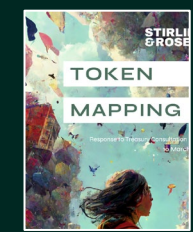


**Law Commission England & Wales** DAO, Digital Assets Advisory Board  
**Australian Law Council** Digital Commerce Committee  
**Australian Law Council** Business Services Committee

## BOOKS & SUBMISSIONS



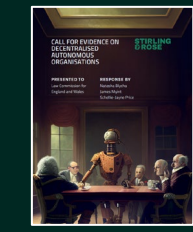
OXFORD PRESS  
 SMART LEGAL  
 CONTRACTS  
 2022



AUSTRALIAN  
 TREASURY  
 RESPONSE  
 2023



FEDERAL  
 GOVERNMENT  
 SUBMISSION ON  
 RESPONSIBLE AI  
 2023



UK LAW  
 COMMISSION DAO  
 CALL FOR  
 EVIDENCE  
 2023



UK LAW  
 COMMISSION  
 DIGITAL ASSETS  
 SUBMISSION  
 2022

## LAW MAKERS & REGULATORS



DEPARTMENT  
 OF THE SENATE



Law  
 Commission  
 Reforming the law



European Parliament



BANK OF ENGLAND

## PUBLIC APPEARANCES

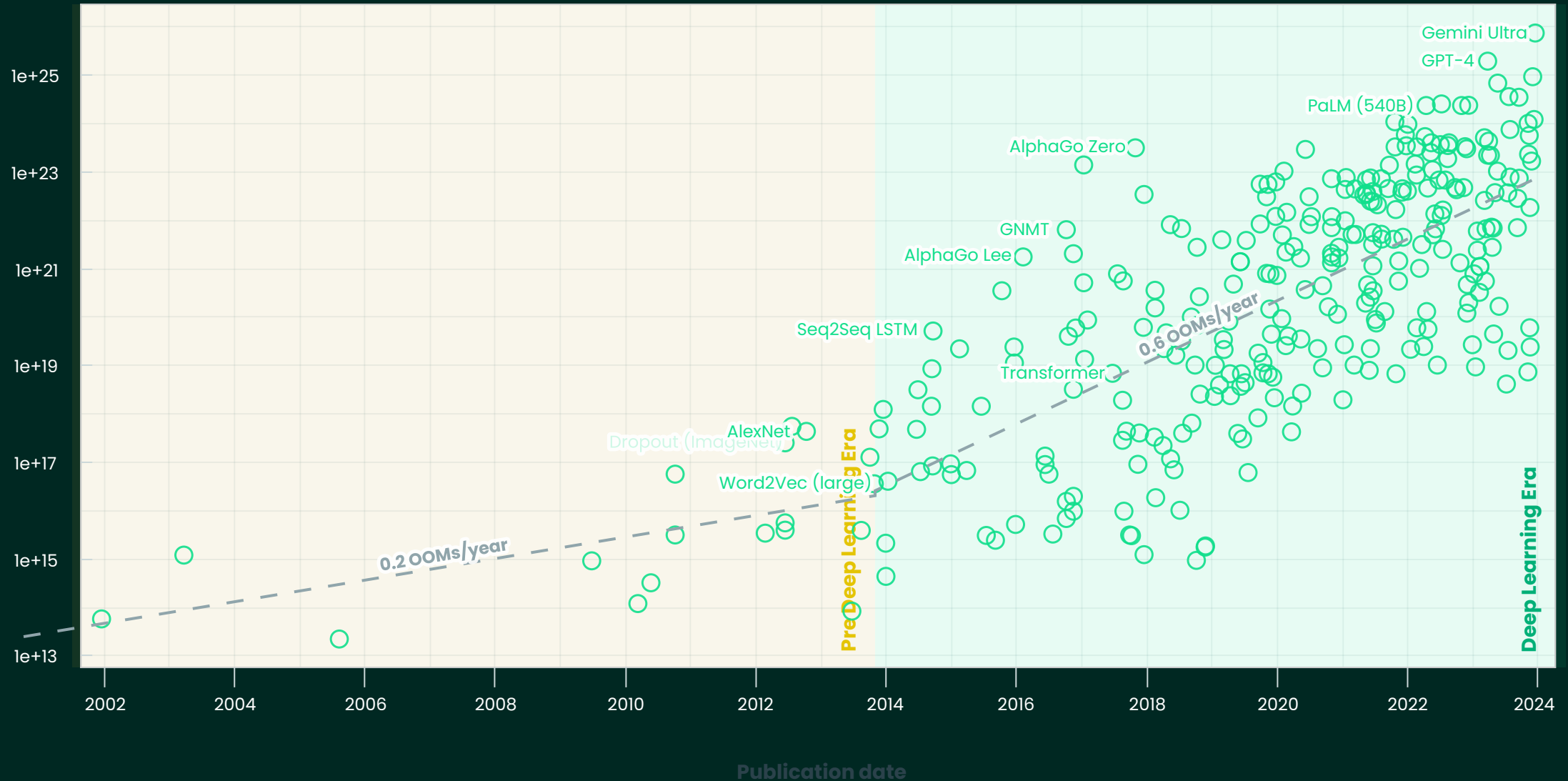


# Compute Power



Training Compute of Notable machine learning Systems Over Time

EPOCH

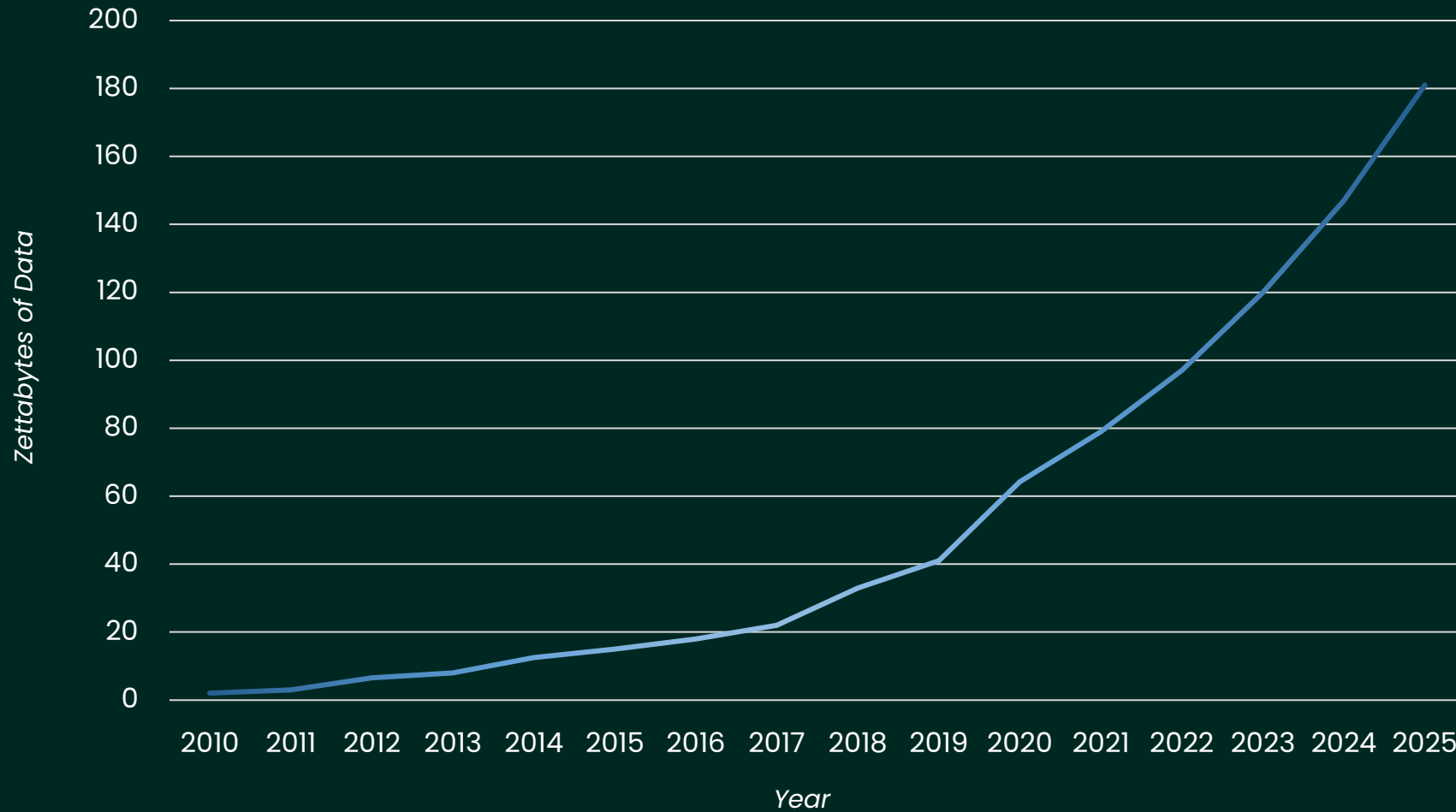




# Volume of Data

Data created, captured copied and consumed worldwide (in Zettabytes)

1 Zettabyte = 1,000,000,000,000 GB

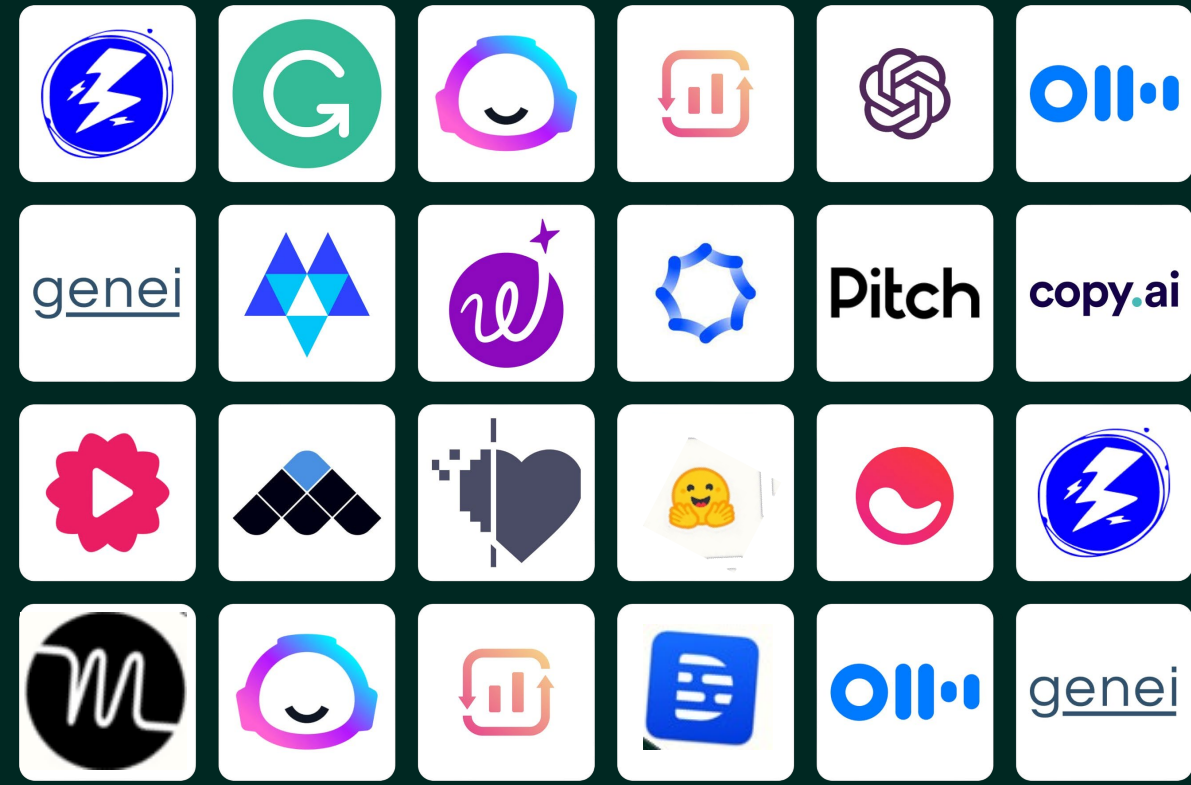


Source: statista.com

# Battle of Silicon Valley



















# ...and the rest





# Largest Companies

Rank	Name	Market Cap	Price	Today	Price (30 days)	Country
☆ 1	 Microsoft MSFT	\$3.185 T	\$428.74	▼ 0.15%		🇺🇸 USA
☆ 2	 Apple AAPL	\$2.660 T	\$172.28	▲ 0.53%		🇺🇸 USA
☆ 3	 NVIDIA NVDA	\$2.357 T	\$942.89	▲ 3.12%		🇺🇸 USA
☆ 4	 Saudi Aramco 2222.SR	\$2.015 T	\$8.33	▲ 0.00%		🇸🇦 S. Arabia
☆ 5	 Alphabet (Google) GOOG	\$1.880 T	\$151.77	▲ 2.04%		🇺🇸 USA
☆ 6	 Amazon AMZN	\$1.857 T	\$178.87	▲ 0.40%		🇺🇸 USA
☆ 7	 Meta Platforms (Facebook) META	\$1.299 T	\$509.58	▲ 0.36%		🇺🇸 USA
☆ 8	 Berkshire Hathaway BRK-B	\$890.80 B	\$411.60	▼ 0.53%		🇺🇸 USA

# Fake News – Fake Evidence







# Rapid developments



**Sora** – OpenAI’s text-to-video model.

*Prompt: A stylish woman walks down a Tokyo street filled with warm glowing neon and animated city signage. She wears a black leather jacket, a long red dress, and black boots, and carries a black purse. She wears sunglasses and red lipstick. She walks confidently and casually. The street is damp and reflective, creating a mirror effect of the colorful lights. Many pedestrians walk about.*

# DeWave – Thoughts into Text



# Neuralink – brain plays chess



<https://twitter.com/neuralink/status/1770563939413496146>



# Devices & Evidence

- Apple Watch heart data used in murder trial in Perth, Australia 2018 of daughter-in-law of the victim
- FitBit heart data used in murder trial in USA of husband of victim
- Evidence of Mens re?



# Figure AI & Robotics

- Figure, an AI robotics company developing general-purpose humanoid robots, recently secured \$675 million in Series B funding at a \$2.6 billion valuation. Involved prominent investors like Microsoft, OpenAI Startup Fund, NVIDIA and Jeff Bezos
- Amazon's Industrial Innovation Fund, launched in 2018, has committed \$1 billion to invest in robotics technologies.





# AI Washing



- On **March 18, 2024** US Securities Exchange Commission announced settled charges against two investment advisers—Delphia (USA) Inc. (“Delphia”) and Global Predictions, Inc. (“Global Predictions”) involving allegations that the firms’ promotional materials exaggerated their use of AI or machine learning in their investment services
- SEC described the practice has described as “AI-washing.”





# Enterprise workers gain 40 percent performance boost from GPT-4

Harvard

# SlidesGPT



[SlidesGPT AI PowerPoint Powered by ChatGPT API](#)





# American Bar Association Model Rules of Professional Conduct

Comment added to Competence Rule 1.1:

*“To maintain the requisite knowledge and skill, a lawyer should keep abreast of changes in the law and its practice, including the benefits and risks associated with relevant technology, engage in continuing study and education and comply with all continuing education requirements to which the lawyer is subject”*

Many US States have adopted the above comment in their professional rules.



# ChatGPT & Generative AI Policy

## Example – consumer versions

- 📌 Our organization encourages responsible use of AI in your work
- 📄 Where AI generated content is included in your work, acknowledge the use of AI and clearly identify the AI generated content
- ✓ Don't trust the accuracy of the AI output. Check everything with reliable sources. You are responsible for the accuracy and completeness of your work
- 🔑 Do not include personal, sensitive, proprietary or confidential information in your prompts to the AI
- ⚖️ Generative AI use is not appropriate for all circumstances. Use good judgement and common sense about when to use it
- ⏪ This policy will be reviewed regularly and will be updated to reflect our organization's experiences using AI, developing practice and new technology

This policy was written by a human  
#HumanCreated



*How does AI change the game when it comes to subpoenas and discovery?*









Describe this picture



The image depicts a small mammal, likely a type of chipmunk or squirrel, nestled inside a hollowed-out log. The creature has prominent stripes running down its back and a bushy tail. Its fur exhibits a mix of brown, gray, and white shades. The animal's ears are perky, and it has alert eyes, suggesting it's cautious of its surroundings. The log itself is aged and weathered, with intricate patterns and textures. Surrounding the log, there's a backdrop of dried leaves and some green vegetation, indicating a natural woodland setting. The sunlight filtering through highlights the fur of the creature, giving it a radiant appearance. The entire scene evokes a feeling of a wild animal in its natural habitat.



SC

What animal is it?



The animal in the picture appears to be a Numbat, which is a small marsupial native to Australia. It's characterized by its banded fur, bushy tail, and pointed snout. Numats are unique in that they primarily feed on termites.



Regenerate





# Prompt: person doing the dishes





# Prompt: An executive director doing the dishes



Q & A





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# STIRLING & ROSE



# Clarity for the unknown.