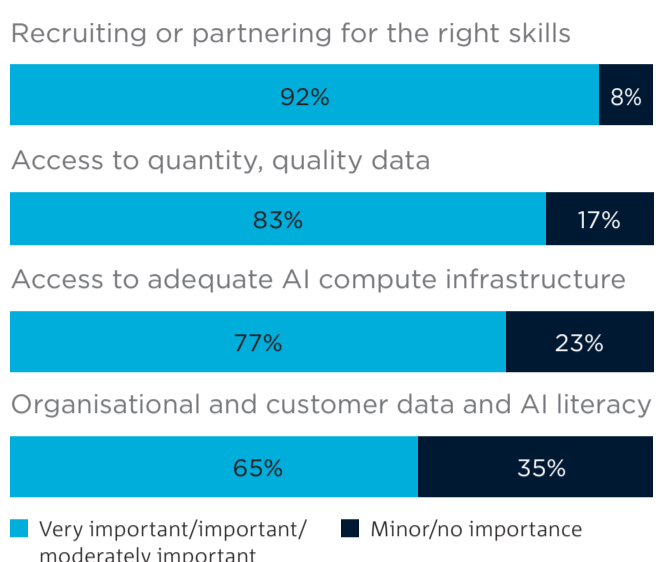


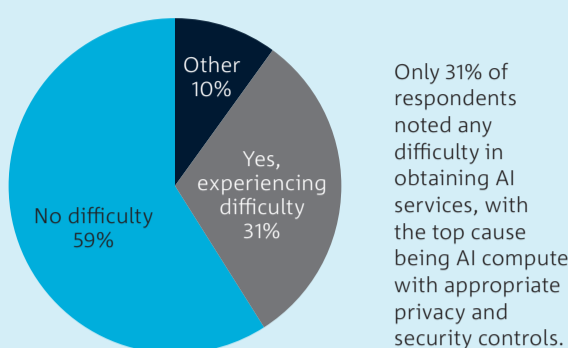
Industry access to AI computing infrastructure and services

Is access to AI computing infrastructure and services a key issue for organisations developing, adopting or researching AI? We spoke to 200 AI practitioners across Australia to find out.

Most important factors when progressing AI projects



Difficulty obtaining AI services?*



Other factors causing difficulty were sovereignty of AI, data and infrastructure, and regulatory compliance.

*'AI services' describes end-to-end services, cloud platforms, pre-configured or pre-trained AI modules, and Platform as a service (PaaS).

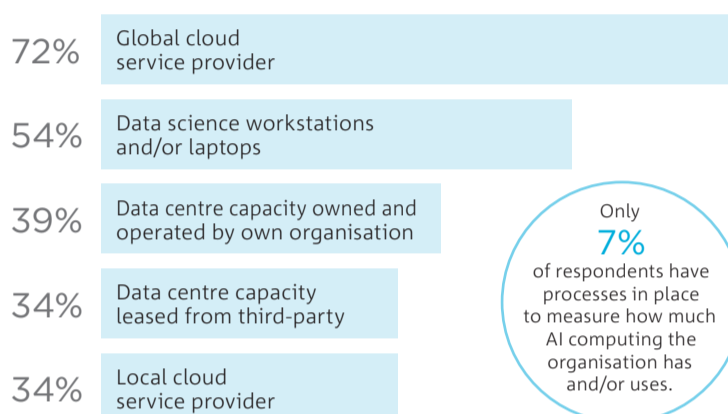
What concerns AI practitioners?

95% Data privacy

94% Ethics in AI

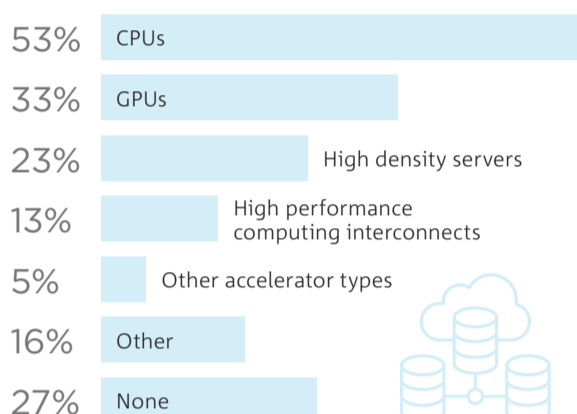
92% Environmental impact of AI infrastructure

Location of organisation's AI computing



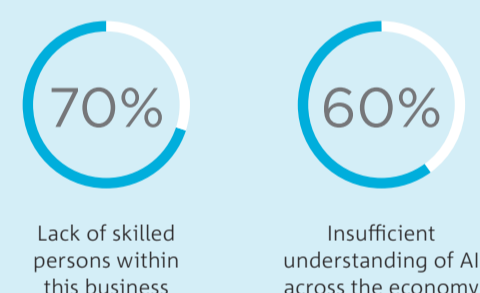
Only 7% of respondents have processes in place to measure how much AI computing the organisation has and/or uses.

Components of an AI computing stack

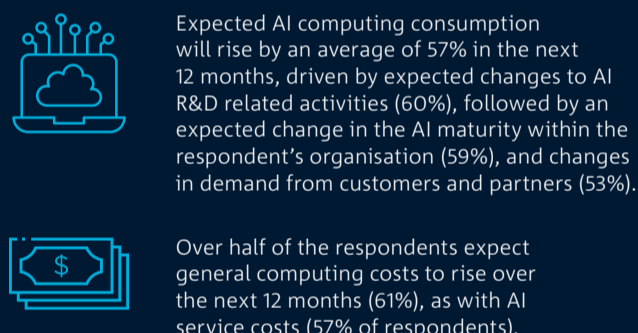


AI computing or services future challenges

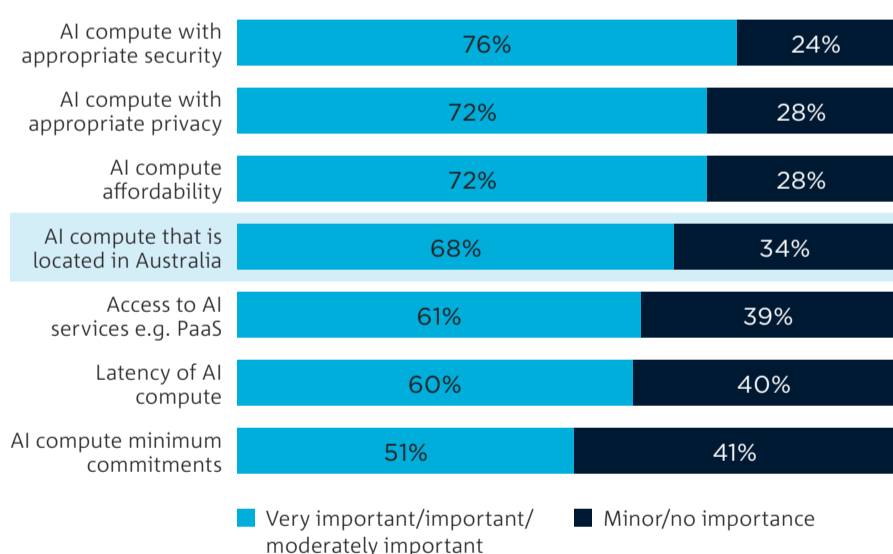
Top issues faced when seeking to grow AI adoption



Future consumption



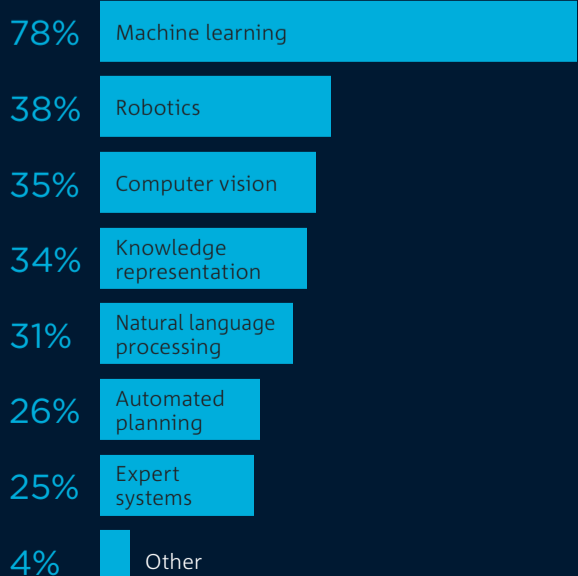
Overall, privacy and security are the primary anticipated challenges when obtaining AI computing or services over the next 12 months.



However for AI developers, AI compute that is located in Australia is of more concern, with 75% of AI developer respondents perceiving this to be an important future challenge.

Opportunities

Overall, machine learning was reported to be the AI field with the greatest opportunities. Younger organisations (in operation for less than 5 years) tended to note natural language processing as a significant opportunity.



AI and data literacy

Insufficient understanding of AI across the economy is the second most important challenge to those seeking to grow AI in Australia.

Low AI literacy among customers is a hurdle for 86% of organisations developing, adopting or researching AI.

Only 12% of respondents reported a strong or very strong understanding of AI within their organisation.

There is a tendency for organisations with 200–500 employees or those in business for more than 10 years to have more pronounced concerns about AI literacy levels.