

## Recall – Big Data

 Data sets whose volume, velocity or variety is so large and complex that it is difficult to store, manage, process and analyse using traditional database systems and data processing tools.



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## Artificial Intelligence (AI)



Photo by Arseny Togulev on Unsplash

- Systems that can think and learn as intelligent humans would.
- E.g. in business:
  - Analyse vast amounts of consumer data and apply results to enhance customer experience.

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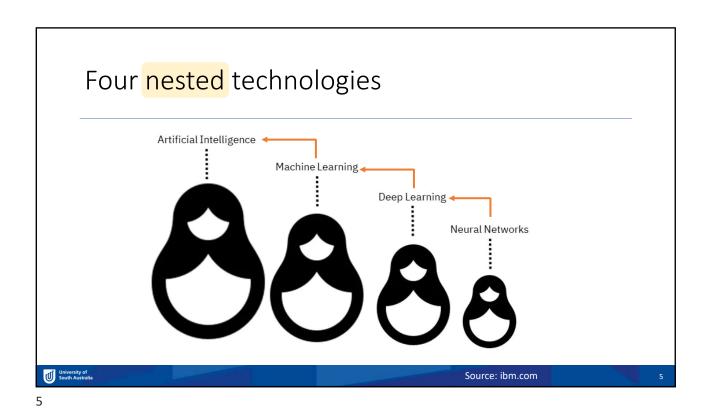
## Machine learning



Photo by Kevin Ku on Unsplash

- Algorithms that allow machines to learn from data inputs.
- One of characteristics a system must possess to be considered intelligent.

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What's the link?

- Al provides the large-scale analytics needed to extract meaning and value from Big Data.
- Big Data provides the knowledge needed for AI to continue to learn and evolve.



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