

Computational Power

Vivek Adithya

- List of Key Issues
 - Lot of processing power required for many calculations
 - Data volumes are growing rapidly
 - Not considered as a mainstream approach
- News and Blog References
 - <https://www.bernardmarr.com/default.asp?contentID=1162>
 - <https://www.quora.com/Do-we-have-enough-computing-power-for-General-AI-If-we-do-then-are-we-just-short-on-ideas>
 - <https://noia.network/heres-whats-still-lacking-in-artificial-intelligence/>
- Technical References
 - <https://pdfs.semanticscholar.org/4b1c/2d3d8e5e4269119ae5ef236e55f7a209cb62.pdf>

Investment

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- List of Key Issues
 - Unwilling business owners/managers
 - High investment
 - Not considered as a mainstream approach
- News and Blog References
 - <https://medium.com/@bootstrappingme/challenges-and-opportunities-of-investing-in-artificial-intelligence-startups-f36889dbb592>
 - <https://www.bbntimes.com/en/companies/6-challenges-of-artificial-intelligence>
 - <https://priceconomics.com/which-industries-are-investing-in-artificial/>
- Technical References
 - <http://mattmahoney.net/costofai.pdf>
 - https://www.itu.int/dms_pub/itu-s/opb/gen/S-GEN-ISSUEPAPER-2018-1-PDF-E.pdf

Narrow AI vs General AI

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- List of Key Issues

- Vast majority of AI implementations are highly specialized – learn and perform single task.
- Tough to implement self-aware, out-of-the-box thinking vs context-aware, specific problem solvers
- To develop AI that can tackle general problems in much the same way that humans can.

- News and Blog References

- <https://www.nytimes.com/2018/05/18/opinion/artificial-intelligence-challenges.html>
- <https://www.mckinsey.com/featured-insights/artificial-intelligence/the-promise-and-challenge-of-the-age-of-artificial-intelligence>
- <https://www.bernardmarr.com/default.asp?contentID=1162>