

National Academies Study (and towards safe automation)

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National Academies Study 2015-2016

Information Technology and the U.S. Workforce: Where Are We and Where Do We Go from Here? (National Academies Press, 2017)

- <https://www.nap.edu/catalog/24649/information-technology-and-the-us-workforce-where-are-we-and>
- Led by Erik Brynjolfsson (MIT) and Tom Mitchell (CMU)

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Lack of data available on basic questions

- scope and rate of change of key technologies, like AI
- which technologies are changing which types of jobs
- what new work opportunities are emerging

Recommendation: AI index

- track the pace and spread of AI technology
- combine with data on skills and tasks involved in different occupations to guide education and job-training
- public-private partnership: “sense and respond” approach; A/B testing; not only digital, but conventional government data valuable
- Incentivization