

# Are We There Yet?

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**Abstract.** Statistical approaches to Artificial Intelligence are behind most success stories of the field in the past decade. The idea of generating non-trivial behaviour by analysing vast amounts of data has enabled recommendation systems, search engines, spam filters, optical character recognition, machine translation and speech recognition. As we celebrate the spectacular achievements of this line of research, we need to assess its full potential, its limitations and its position within the larger scheme of things. What are the next steps to take towards machine intelligence?