

## Endnotes

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<sup>1</sup> Big data is a broad term for data sets so large or complex that traditional data processing applications are inadequate. Challenges include analysis, capture, data curation, search, sharing, storage, transfer, visualization, and information privacy. Most of this data is kept on web (private or public).

<sup>2</sup> Not just the WWW.

<sup>3</sup> ‘The top 500 ecommerce retailers in the UK’

*Ecommerce News Europe*, 10 February 2017

Available at:

<https://ecommercenews.eu/top-500-ecommerce-retailers-uk/>

Accessed July 2017.

<sup>4</sup> You have to pay for certain parts and certain more detailed data.

<sup>5</sup> See this FRC publication for an excellent description of blockchains. We just disagree with their conclusion as to the speed and usage. Financial Reporting Council Lab, Blockchain and the future of corporate reporting: How does it measure up?

*Financial Reporting Lab, Financial Reporting Council*, June 2018.

Available at:

<https://www.frc.org.uk/news/june-2018/publication-of-the-financial-reporting-lab's-report>

Accessed June 2018.

<sup>6</sup> Munro, R., 2018, ‘Artificial intelligence and machine learning in accountancy - part 1’, *Accountancy Daily/Magazine*, 5 June 2018.

Available at:

<https://www.accountancydaily.co/artificial-intelligence-and-machine-learning-accountancy-part-1>

Accessed June 2018.

<sup>7</sup> Clifford, C., 2018, ‘Elon Musk: ‘Mark my words — A.I. is far more dangerous than nukes’’, *CNBC Make It*, 13 March 2018.

Available at:

<https://www.cNBC.com/2018/03/13/elon-musk-at-sxsw-a-i-is-more-dangerous-than-nuclear-weapons.html>

Accessed April 2018.

<sup>8</sup> Stanford University, ‘100 Year Study on AI kicks off its next Report cycle. ‘, *One Hundred Year Study on Artificial Intelligence (AI100)*, 2017.

Available at:

<https://ai100.stanford.edu/>

Accessed April 2018.

<sup>9</sup> Biebuyck, C., 2017, ‘Audit automation’, *Economia*, 7 September 2017

Quotes taken from *Economia* and reproduced with kind permission of ICAEW.

<https://economia.icaew.com/>. © ICAEW 2017

Available at:

<https://economia.icaew.com/en/features/september-2017/audit-automation>

Accessed November 2017.

<sup>10</sup> *Ibid.*

<sup>11</sup> See for example:

Leaders, 2018, 'The Kamprad test: IKEA furniture and the limits of AI', *The Economist*, 21 April 2018.

Available at:

<https://www.economist.com/news/leaders/21740735-humans-have-had-good-run-most-recent-breakthrough-robotics-it-clear>

Accessed May 2018.

<sup>12</sup> Wilcox, R., '2018: what's in store for accountants in the year ahead?', *Accountancy Daily/Magazine*, 2 January 2018.

Available at:

<https://www.accountancydaily.co/2018-whats-store-accountants-year-ahead>

Accessed January 2018.

<sup>13</sup> The FRC published an excellent paper on AI in January 2019. Artificial intelligence and corporate reporting.

Available at:

<https://www.frc.org.uk/getattachment/e213b335-927b-4750-90db-64139aee44f2/AI-and-Corporate-Reporting-Jan.pdf>

Accessed January 2019.