

## REFERENCE LIST

- Agrawal, A. K., Gans, J. S., & Goldfarb, A. (2018, June). Economic Policy for Artificial Intelligence. *NBER Working Paper Series*(24690).
- Agrawal, A., Gans, J., & Goldfarb, A. (2018). *Prediction Machines: The Simple Economics of Artificial Intelligence*. Boston, Massachusetts: Harvard Business Review Press.
- Ali, A. (2012). A Framework for Using Cost-Benefit Analysis in Making the Case for Software Upgrade. *Informing Science and Information Technology*, 9, 399-409.
- Andreoli, G., Bille, G., & Meleagri, N. (2017). Ready to Talk! Banks are embracing the power of conversational banking. *Accenture Digital*.
- Arrow, K. J., Cropper, M. L., Eads, G. C., Hahn, R. W., Lave, L. B., Noll, R. F., . . . Stavins, R. N. (1996). *Benefit-Cost Analysis in Environmental Health and Safety Regulation: A Statement of Principles*. Washington, D.C.: American Enterprise Institute for Public Policy Research.
- Arrow, K., Solow, R., Portney, P., Leamer, E., Radner, R., & Schuman, H. (1993). Report of the NOAA Panel on Contingent Valuation. *Federal Register*, 58(10), 4016-4064.
- Box, I. (2014). Re: How many interviews are needed in a qualitative research?
- Campbell, H., & Brown, R. (2003). *Benefit-Cost Analysis: Financial and economic appraisal using spreadsheets*. Cambridge: Cambridge University Press.
- Carter, S. (2018, May 15). *How Artificial Intelligence Increases Business Productivity*. Retrieved January 1, 2020, from Business 2 Community: <https://www.business2community.com/tech-gadgets/how-artificial-intelligence-increases-business-productivity-02059942>
- Chamberlain, A. (2013). Re: How many interviews are needed in a qualitative research?
- Cockburn, I. M., Henderson, R., & Stern, S. (2018, March). The Impact of Artificial Intelligence on Innovation. *NBER Working Paper Series*(24449).
- Craven, M., Mysore, M., & Wilson, M. (2020, May 13). *COVID-19: Implications for business*. Retrieved May 15, 2020, from McKinsey & Company:

<https://www.mckinsey.com/business-functions/risk/our-insights/covid-19-implications-for-business>

- Damodaran, A. (2005, October). The Value of Synergy.
- Das, K., Gryseels, M., Sudhir, P., & Tan, K. T. (2016). *Unlocking Indonesia's digital opportunity*. McKinsey & Company. McKinsey & Company.
- Deloitte. (2018). *AI and risk management: Innovating with confidence*. Deloitte.
- Digalaki, E. (2019, December 18). *The impact of artificial intelligence in the banking sector & how AI is being used in 2020*. Retrieved July 4, 2020, from Business Insider: <https://www.businessinsider.com/ai-in-banking-report?r=US&IR=T>
- Drèze, J., & Stern, N. (1987). Chapter 14 The theory of cost-benefit analysis. In A. J. Auerbach, & M. Feldstein (Eds.), *Handbook of Public Economics* (Vol. 2, pp. 909-989). Elsevier.
- EMIS. (2019). *Indonesia Banking Sector 2019/2020*. EMIS.
- Furman, J., & Seamans, R. (2018, June). AI and The Economy. *NBER Working Paper Series*(24689).
- Hakansson, C. (2007). Empirical Contributions and Methodological Developments of a Study on Trade-offs between Hydropower and Wild Salmon. *Doctoral thesis*. Umea: Swedish University of Agricultural Sciences.
- IBM. (2019). *The Total Economic Impact of IBM Services and Watson Cognitive Customer Care Solutions*. Forrester.
- Ivanov, S., & Webster, C. (2017). Adoption of Robots, Artificial Intelligence and Service Automation by Travel, Tourism, and Hospitality Companies - A Cost-Benefit Analysis. *International Scientific Conference "Contemporary tourism - traditions and innovations"*. Sofia University.
- Jala, & Nandagiri, L. (2015). Evaluation of Economic Value of Pilikula Lake using Travel Cost and Contingent Valuation Methods. *Aquatic Procedia*, 4, 1315-1321.
- Jubraj, R., Graham, T., & Ryan, E. (2018). Redefine Banking with Artificial Intelligence. *The Intelligent Bank*.
- Kenton, W. (2019, September 29). *Sensitivity Analysis*. Retrieved May 10, 2020, from Investopedia: <https://www.investopedia.com/terms/s/sensitivityanalysis.asp>

- Kenton, W. (2020, April 27). *Net Present Value (NPV)*. Retrieved May 1, 2020, from Investopedia: <https://www.investopedia.com/terms/n/npv.asp>
- Krish, C., Liu, Q., Nozibele, G., Jaya, J., Li, W., & Chen, F. (2018). Bridging the digital divide: Measuring digital literacy. *Economics: The Open-Access, 12*(2018-23), 1-20.
- Maresova, P., & Puzova, K. (2014). Application of the Cost Benefit Analysis method in Cloud Computing in the Czech Republic. *Procedia - Social and Behavioural Sciences, 109*, 674-678.
- Marr, B. (2020). *How to Define Your AI (Artificial Intelligence) Use Cases - With Handy Template*. Retrieved January 6, 2020, from Bernard Marr & Co.: <https://www.bernardmarr.com/default.asp?contentID=1844>
- Nicol, D., & Coen, M. (2003). A model for evaluating the institutional costs and benefits of ICT initiatives in teaching and learning in higher education. *Research in Learning Technology, 11*(2), 46-60.
- Nobanee, H. (2020). Applications of Artificial Intelligence in Financial Management Decisions: A Mini-Review. *SSRN Electronic Journal*.
- Oliver Wyman. (2020). *AI Risk: The newest non-financial risk every CRO should be preparing for*. Oliver Wyman.
- Pearce, D. W. (1983). *Cost-Benefit Analysis, 2nd edition*. London: Macmillan International Higher Education.
- PwC. (2020). *Sizing the prize: What's the real value of AI for your business and how can you capitalise?* PwC.
- Rampinelli, E. (2020, February 10). *What is the opportunity cost of Machine Learning*. Retrieved June 12, 2020, from The Data Analysis Bureau: <https://t-dab.com/blog/the-opportunity-cost-of-machine-learning/>
- Sandelowski, M., Voils, C. I., & Knafl, G. (2009). On Quantitizing. *Journal of Mixed Methods Research, 208-222*.
- Sassone, P. G., & Schaffer, W. A. (1978). *Cost-benefit Analysis: A Handbook*. New York: Academic Press.
- Saunders, M., Lewis, P., & Thornhill, A. (2012). *Research Methods for Business Students 6th Edition*. Pearson Education Limited.

- SearchEnterpriseAI. (2019). *What is Artificial Intelligence (AI)?* Retrieved November 25, 2019, from TechTarget: SearchEnterprise AI:  
<https://searchenterpriseai.techtarget.com/definition/AI-Artificial-Intelligence>
- Smit, S., Hirt, M., Buehler, K., Lund, S., Greenberg, E., & Govindarajan, A. (2020, March 23). *Safeguarding our lives and our livelihoods: The imperative of our time*. Retrieved May 16, 2020, from McKinsey & Company:  
<https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/safeguarding-our-lives-and-our-livelihoods-the-imperative-of-our-time>
- Thomas, C. M. (2010, July 12). A Cost-Benefit Analysis of Preventative Management for Zebra and Quagga Mussels in the Colorado-Big Thompson System. Fort Collins, Colorado: Colorado State University.
- United States Bureau of the Census. (1974). *Indexes to Survey Methodology Literature* (Vol. 3). U.S. Department of Commerce, Social and Economic Statistics Administration, Bureau of the Census.
- WebFX. (2020). *AI Pricing: How Much Does Artificial Intelligence Cost?* Retrieved May 12, 2020, from WebFX: <https://www.webfx.com/internet-marketing/ai-pricing.html>