

NOTES

- i. Cannon and Gupta (2020) explore this issue in greater detail.
- ii. <https://hbr.org/2017/05/whats-your-data-strategy>.
- iii. <https://www.prosci.com/resources/articles/what-is-change-management>.
- iv. http://www.valuebasedmanagement.net/methods_quinn_competing_values_framework.html.
- v. <https://www.ocai-online.com/about-the-Organizational-Culture-Assessment-Instrument-OCAI/Competing-Values-Framework>.
- vi. <https://implementtoimpact.blog/2017/11/13/managing-complex-change/>.
- vii. Oxford English dictionary.
- viii. The Merriam Webster dictionary.
- ix. <https://www.thrillist.com/eat/nation/names-for-sub-sandwiches-around-america>.
- x. Point of clarification: For this discussion, a business glossary captures the definition of the concept being defined. This is not to be confused with a data dictionary which we will define as the technical definition of a particular instance of concept. The glossary

describes the concept; the dictionary describes the actual data element that captures that concept. See <http://tdan.com/data-dictionary-vs-business-glossary/24652>.

- xi. In research, the ability to appropriately describe and even cite a compendium of data is very important. Organizations with a research function would be well served to ensure that any definition of collective nouns for data elements works for both administrative and research functions. See https://www.asis.org/asist2010/proceedings/proceedings/ASIST_AM10/submissions/240_Final_Submission.pdf.
- xii. <https://www.thefreelibrary.com/The+Road+to+the+Data+Strategy+for+Army+Intelligence.-a0549160099>.
- xiii. <https://www.fasttrac.org/blog/how-to-define-your-business-strategy/>.
- xiv. Dallemule, L., & Davenport, T. H. (2017). What's your data strategy? *Harvard Business Review*, May–June.
- xv. <https://www.cio.com/article/3234884/what-is-a-chief-data-officer.html>.
- xvi. National Science Foundation recommendations for meeting data management plan requirement for funding. https://www.nsf.gov/pubs/policydocs/pappguide/nsf15001/gpg_2.jsp#IIC2j.
- xvii. Accuracy is just one dimension of data quality. See Chapter 6 for further discussion.

- xviii. Valerie Logan. (2018, September 21). Information as a Second Language: Enabling Data Literacy for Digital Society. ID: G00365697.
- xix. <https://www.dataversity.net/what-is-data-quality/>.
- xx. See Sebastian-Coleman (2012), Appendix B for a review.
- xxi. https://cdn.ymaws.com/edmcouncil.org/resource/resmgr/featured_documents/BP_DQ_Dimensions_Oct17.pdf. Accessed July 29, 2019.
- xxii. Inspired by <https://www.infoworld.com/article/3259744/data-literacy-what-it-means-and-why-its-essential-for-your-business.html>.
- xxiii. For example, see Babbie (2004).
- xxiv. See <https://www.cdc.gov/tuskegee/timeline.htm>.
- xxv. <https://www.sociologylens.net/topics/crime-and-deviance/laud-humphreys-tearoom-trade-the-best-and-worst-of-sociology/11418>.
- xxvi. <http://eugdpr.org/the-regulation/gdpr-faqs/>.
- xxvii. <https://aisel.aisnet.org/cgi/viewcontent.cgi?article=1027&context=ecis2011>.
- xxviii. https://www.ibm.com/developerworks/community/blogs/bigdataanalytics/entry/big_data_analytics_maturity_model?lang=en