

Resources

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New since 2021 Session CARE and FAIR :l Indigenous data futures <https://www.nature.com/articles/s41597-021-00892-0> <https://www.gida-global.org/care> <https://getodk.org/> <https://prolific.co/>

resources from SAGE: <https://study.sagepub.com/corti2e> + new edition of book <https://us.sagepub.com/en-us/nam/managing-and-sharing-research-data/book262873#resources>

data collection / gender: <https://osf.io/preprints/socarxiv/qnc2g/> and <https://academic.oup.com/jamia/advance-article/doi/10.1093/jamia/ocab136/6364772>

videos, exercises, etc from Corti book 2nd Edition <https://study.sagepub.com/corti2e>

what is data in the humanities <https://campus.dariah.eu/resource/ws2019#session-2> <https://escholarship.umassmed.edu/cgi/viewcontent.cgi?referer=http://scholar.google.com/&httpsredir=1&article=1115&context=jeslib> <https://www.routledge.com/The-Digital-Humanities-Coursebook-An-Introduction-to-Digital-Methods-for/Drucker/p/book/9780367565756> <https://methods.sagepub.com/book/the-sage-handbook-of-qualitative-data-analysis/n32.xml>

GUIDES: Briney KA, Coates H, Gobin A (2020) Foundational Practices of Research Data Management. Research Ideas and Outcomes 6: e56508. <https://doi.org/10.3897/rio.6.e56508>

Goodman A, Pepe A, Blocker AW, Borgman CL, Cranmer K, Crosas M, et al. (2014) Ten Simple Rules for the Care and Feeding of Scientific Data. PLoS Comput Biol 10(4): e1003542. <https://doi.org/10.1371/journal.pcbi.1003542>

Burley, T.E., and Peine, J.D., 2009, NBII-SAIN Data Management Toolkit, U.S. Geological Survey Open-File Report 2009-1170, 96 p. Available from: <http://pubs.usgs.gov/of/2009/1170/> Examples:

- Smithsonian Library
- Borer, E. T., E. W. Seabloom, M. B. Jones, and M. Schildhauer. 2009. Some Simple Guidelines for Effective Data Management. Bulletin of the Ecological Society of America: 205-214.

Tools

Data Collection, Project Management, & Collaboration

- Open Science Framework
- Open Science Framework (free)
- Asana (monthly charge)
- Slack
- Ellis, S. E., & Leek, J. T. (2018). How to share data for collaboration. The American Statistician, 72(1), 53-57.

- <https://www.qsrinternational.com/nvivo-qualitative-data-analysis-software/home>
- <https://atlasti.com/> (nvivo and atlasti about the same purtpiose)
- <https://zapier.com/pricing>
- <https://www.notion.so/>
- <https://www.devontechnologies.com/apps/devonthink>
- aeon visual timeline software <https://www.aeontimeline.com/>
- IFTT: <https://ifttt.com/>
- fiji: <https://fiji.sc/> image processing analysis
- <https://www.taguette.org/> qualitative data research tool, all fields, exportable looks good
- scanning apps: <https://www.nytimes.com/wirecutter/reviews/best-mobile-scanning-apps/>
- <https://www.literatureandlatte.com/scrivener/overview>
- <https://www.pinterest.com/ahahistorians/a-digital-tool-box-for-historians/>

Learning R

Data processing Visualization

- “Ch7 in Exploratory Data Analysis” in Wickham and Grolemund’s “R for Data Science”:
- Rougier NP, Droettboom M, Bourne PE (2014) Ten Simple Rules for Better Figures. PLoS Comput Biol 10(9): e1003833.

examples

- <https://viz.wtf/>
- <https://www.youtube.com/watch?v=5Zg-C8AAIGg&feature=share>
- <https://twitter.com/cesifoti/status/1325087429049675778?s=12>
- https://pbs.twimg.com/media/EmOn_HUXEAMHHFY.jpg
- https://pbs.twimg.com/media/EmOn_HVXEAAKcwC.jpg
- https://pbs.twimg.com/media/EmOn_HSXcAYH6L-.jpg
- <https://pbs.twimg.com/media/EmJthkyW0AEnztZ.jpg>
- https://www.lemonde.fr/international/article/2020/11/04/elections-americaines-2020-suivez-la-carte-des-resultats-en-direct_6058394_3210.html
- <https://medium.com/matter/the-trouble-with-the-purple-election-map-31e6cb9f1827>
- Ugly plots assignment
- grammar of graphics video: <https://vimeo.com/332290655>
- slides: https://www.yan-holtz.com/PDF/Dataviz_Caveats.pdf

Data Security

- UF Library Guidelines for Data Security

- UF Office of Information Security and Compliance
- Cyber Safeguards for UF
- UF IT Information Security
- UF IRB)Data Record Storage and Security
- UF Data Classification Policy
- UF Office of Information Security and Compliance Cyber Safeguards for UF
- data anonymizing is hard

<http://brunalab.org/blog/2016/02/04/productivity-tools-for-field-lab-and-academic-life-ifttt/> * Uploading

3. DataONE Best Practices Working Group, DataONE (July 01, 2010) “Best Practice: Ensure integrity and accessibility when making backups of data”. Accessed through the Data Management Skillbuilding Hub. [read online] [download pdf]

Week 14: Data Sharing, Reuse, & Archives

- <https://www.authorea.com/users/260319/articles/436166-research-data-repositories-chosen-by-researchers-across-broad-range-of-disciplines-from-an-analysis-of-145-000-data-availability-statements?commit=05d5052a56e7ac63dd07d17fb88c47430b194874>

huge list of archives: <https://www.nature.com/sdata/policies/repositories> * Qualitative Data Repository

* google Dataset Search and explanatory blog post * Cessda

Reading

- Gregory K, Khalsa SJ, Michener WK, Psomopoulos FE, de Waard A, Wu M (2018) Eleven quick tips for finding research data. PLoS Comput Biol 14(4): e1006038. <https://doi.org/10.1371/journal.pcbi.1006038>
- Sielemann K, Hafner A, Pucker B. 2020. The reuse of public datasets in the life sciences: potential risks and rewards. PeerJ 8:e9954 <https://doi.org/10.7717/peerj.9954>
- Mauthner, N. S., & Parry, O. (2009). Qualitative data preservation and sharing in the social sciences: On whose philosophical terms?. Australian Journal of Social Issues, 44(3), 291-307.
- Baker, K. S., & Duerr, R. E. (2017). Research and the changing nature of data repositories. Curating Research Data, 33.
- Whyte, A. & Wilson, A. (2010). How to Appraise and Select Research Data for Curation. DCC How-to Guides. Edinburgh: Digital Curation Centre. (also available online: <http://www.dcc.ac.uk/resources/how-guides>)
- UF Library Guide: <http://guides.uflib.ufl.edu/datamanagement/sharing>
- Bruna, E. M. 2010. Journals can advance tropical biology and conservation by requiring data archiving. Biotropica 42(4): 399–401
- Piwowar, H. A., & Vision, T. J. (2013). Data reuse and the open data citation advantage. PeerJ, 1, e175.

- Michener WK. 2015. Ecological data sharing. *Ecological Informatics*. 2015 Sep 1;29:33-44.
- Participants *want* their data shared: <https://onlinelibrary.wiley.com/doi/abs/10.1002/eahr.500044>

Data in the humanities

“In these fields, the concepts of “data” and “evidence” are very nuanced. However, virtually all information you record during your research counts as such. Here are some common (yet not exhaustive) examples of data captured in the arts, humanities and social sciences: 1) Focus group notes 2) Fieldwork notes 3) Finding aids https://en.wikipedia.org/wiki/Finding_aid 4) Interviews (audio/video) and transcriptions 5) Interview coding 6) Meeting minutes 7) Text corpora https://en.wikipedia.org/wiki/Text_corpus 8) Text with markup <https://port.sas.ac.uk/mod/book/view.php?id=568&chapterid=335> Thematic research collections http://digitalhumanities.org/companion/view?docId=blackwell/9781405103213/9781405103213.xml&chunk.id=ss1-4-5&toc.id=0&brand=9781405103213_brand 9) Digitised books, paintings and other works of art

sadsd ## How to guides

* <https://www.dcc.ac.uk/guidance> * <https://wildlife.onlinelibrary.wiley.com/doi/10.1002/wsb.548>

humanities (general)

- <https://archive.mith.umd.edu/dhcuration-guide/guide.dhcuration.org/legal/policy.html>

history

- <https://www.historians.org/jobs-and-professional-development/professional-life/resources-for-graduate-students/graduate-school-from-start-to-finish/aha-guide-to-archival-research>
- <https://www.historians.org/publications-and-directories/perspectives-on-history/october-2017/data-management-plans-for-historians-how-to-document-and-protect-your-research>
- <https://www.arcgis.com/apps/Cascade/index.html?appid=032048097a7f46f8b3b6859389e18124>